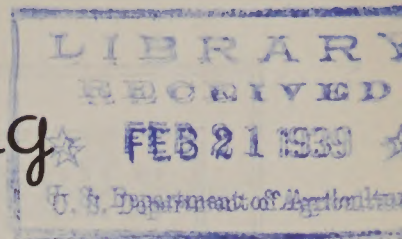


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.61



Spring

1940

General
Florists
Catalogue



John Briry

Plants and Cuttings

Bulbs

Seeds

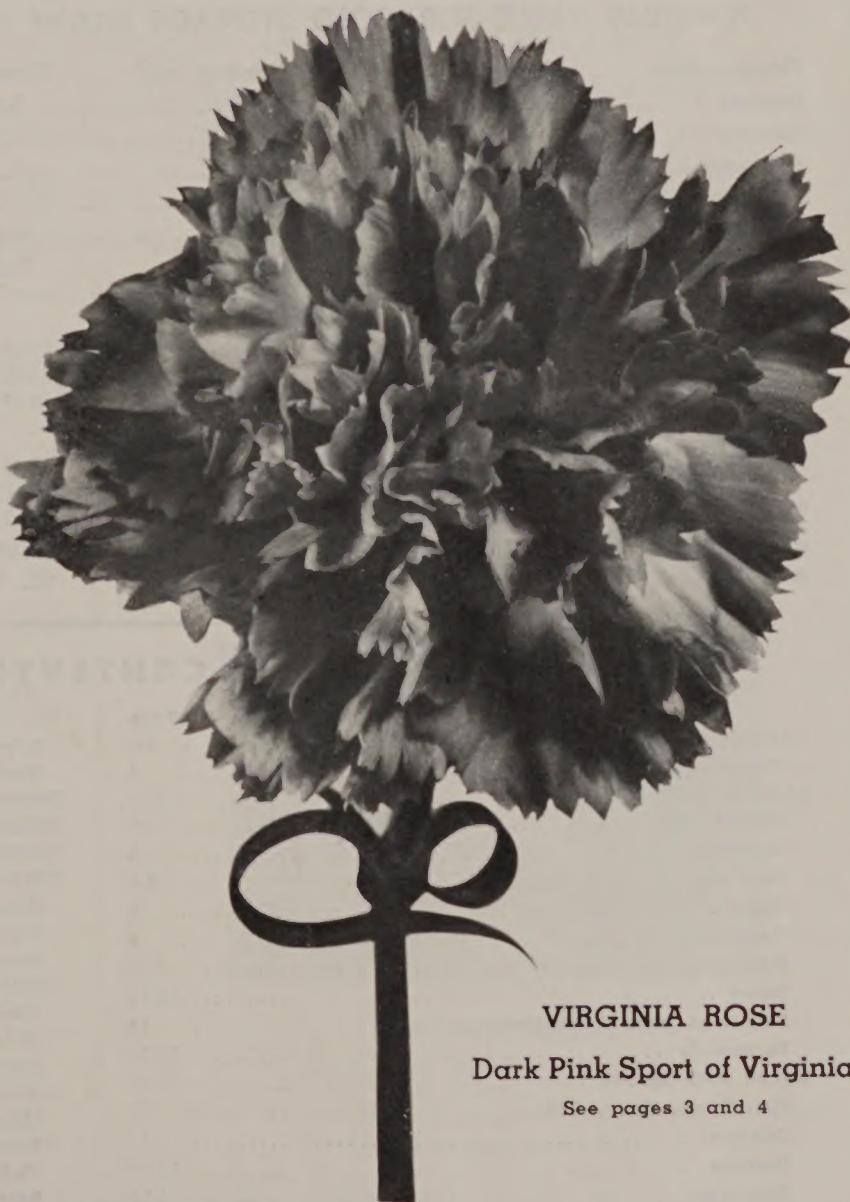
Fertilizers

Insecticides



*Carnation Cuttings
Our Specialty*

Roman J. Irwin
38 West 27th Street
New York, N.Y.
Telephone
BOgardus 4-2444



VIRGINIA ROSE
Dark Pink Sport of Virginia
See pages 3 and 4

IN PRESENTING

you this copy of our new catalog for 1940 I wish to thank all my friends in the trade for their business in the past and trust it will continue throughout the years.

ROMAN J. IRWIN

1940

General Wholesale Catalog

PLANTS and

CUTTINGS · BULBS · SEEDS

Insecticides · Fertilizers · Supplies

SATISFACTION GUARANTEED

We are located in the heart of the New York Cut Flower Market. We have nine men on the road traveling extensively in nearly all sections of the country. Our position, for over 28 years, has been one of daily contact with the grower and his needs.

This catalog, we believe, is full evidence in itself of our long established plan to render a complete service to the grower in a full line of **Seeds, Bulbs, Plants, Cuttings, Insecticides, Fertilizers, etc.** At all times we invite inquiries as to prices and all other information.

PLANTING TABLE FOR COLD STORAGE LILIUM GIGANTEUM AND FLOWERING DATES

Planting Date	Flowering Date	Planting Date	Flowering Date	Planting Date	Flowering Date
January 1.....	April 15 to 25	April 1.....	July 15 to 30	July 1.....	October 1
January 15.....	April 25 to May 5	April 15.....	August 1	July 15.....	October 15
February 1.....	May 15 to 30	May 1.....	August 10	August 1.....	November 1
February 15.....	June 1 to 10	May 15.....	August 20	September 1.....	November 25
March 1.....	June 10 to 30	June 1.....	September 1	September 15.....	December 15 to 25
March 15.....	July 1 to 10	June 15.....	September 15	October 1.....	January 1 to 10

If **LILIUM SPECIOSUM RUBRUM** or **MAGNIFICUM** are planted on the above dates it will take six to eight weeks longer to flower them than the **Lilium Giganteum**.

Lilium Rubrum or **Magnificum** should be planted June 15 to July 1 to flower for Christmas.

The above are all approximate flowering dates. If we have extremely warm weather they may flower a week earlier. It all depends on the weather conditions.

EASTER DATES

1940	March 24	1943	April 25
1941	April 13	1944	April 9
1942	April 5		

MOTHERS DAY

1940	May 12	1943	May 9
1941	May 11	1944	May 7
1942	May 10		

MEMORIAL DAY	May 30
ST. VALENTINE'S DAY	Feb. 14

CONTENTS

	Page		Page
CARNATION CUTTINGS	3-5	Lily-of-the-Valley	19
Carnation Bands	4	Hardy Lilies	19-20
PLANTS AND CUTTINGS	5-16	DUSTERS	20
AGERATUM	5	SEEDS—FLOWER	21-27
Begonias	6	BOOKS—HORTICULTURAL	27
Buddleia	6-7	SUPPLIES, FERTILIZERS, INSECTICIDES	28-30
Ferns	8	Paper Pots	28
Geraniums	9	Bamboo Canes and Sticks.....	28
Hydrangeas	9-10	Sheep Manure	28
Roses	12-13	Soil Test Kits.....	28
Seedlings and Transplants.....	14	Electra	28
Perennials	15-16	Acid Plant Food.....	28
BULBS AND ROOTS	17-20	Rootone	29
Caladiums—Fancy Leaf	17	Root-Gro	29
Cannas	17	Hormodin	29
Dahlias	17-18	Hose Nozzles	29
Gladiolus	18-19	To-Na-Cide	Back Cover and 30
		Sprayers	Inside Back Cover

IRWIN'S CARNATION INTRODUCTIONS ARE DEPENDABLE

Mr. Carnation Grower:

For over 25 years, Carnations have been one of my specialties. In 1934 I introduced "Virginia" and had exclusive sale for two years. Virginia immediately took its place as a leader of the light pinks and still retains top ranking. Growers tell us year in and year out that it continues to be one of the best money makers.

In 1938 Gardenia Carnation made its debut as the largest white yet introduced. It is one of the most attractive of the Exhibition varieties and on account of its unusual fragrance, resembling the Gardenia after which it was named, it can easily be substituted for Gardenias when the latter are not available.

In 1939 we introduced Virginia Rose and Mrs. C. B. Johnson. Both were enthusiastically received and have been well liked. We are receiving numerous re-orders this season.

For 1940 we are offering John Briry a new dark pink of an even shade, deeper than My Love or Paragon. It has a 3½ in. flower, well formed, slightly fringed. It is unusually strong and erect and a vigorous and healthy producer. Our grower tells us it has produced over 99% first quality blooms all season and it will flower early and continuously.

Before recommending new carnations I make sure of their commercial merit and see them growing several times. The keeping and shipping qualities of new Carnations are most important. They must be free flowering with good stems and clean, healthy growers.

In addition to specializing in Carnations in this country, my export business on Carnations has been built up to considerable volume as a result of my recommendation of the best varieties introduced in America. I give particular attention to foreign orders as to special packing, and am familiar with regulations and other details regarding exporting, such as obtaining permits, certificates, etc.

When interested in new varieties write me and I will gladly give you my candid opinion.

ROMAN J. IRWIN.

NEW CARNATIONS FOR 1940

BERKSHIRE HILLS. Sport of Patrician, light salmon pink, similar to Laddie. Not patented.

CANDYSTICK. Sport of New Deal, white variegated with very pronounced rose stripes—very attractive. Not patented.

CHARM. "Charm" Seedling No. 9 originated by A. Rasmussen & Son. Previously named Hoosier Lad, now renamed "CHARM." Will be put on the market December, 1939, January and later 1940. "CHARM" is a Laddie seedling; same color as when Laddie is at its deepest and best; size almost as large as Laddie, but produces 50% more flowers than Laddie. Looks very good. Patented.

DARK PINK MAYTIME. Sport of light pink Maytime, same color as Ditchling the English variety. Has the same habits as Maytime. Not patented.

EDDIE G (Seedling). Deep pink. Very good producer, medium size flower.

HERMOSA. New light pink. Not patented.

JOHN BRIRY. Dark pink, a little darker than Ward with 3½-4½ in. blooms; long stiff stem, free flowering and a wonderful keeper. At the Boston Flower Show it kept longer than any other variety exhibited. Sold with a two-year patent agreement.

JOYCE (Seedling). New deep crimson. Flowers are large and beautifully formed. Good producer, very little splitting. (English variety.)

MARIBEL (Seedling). The largest Ward color pink yet introduced. For its size it produces well. It has only one fault—it splits badly. To prevent splitting you can grow fancy flowers by using our new pliable metal carnation band listed in catalog on Page 4. This Carnation is sold with a two-year agreement same as Virginia Rose and Mrs. C. B. Johnson.

SETH PARKER. Crimson, large flower, free bloomer. Not patented.

SNOW WHITE. A fine large white. Not patented.

WHITE MAYTIME. Sport of light pink Maytime, same habits. Not patented.

WHITE PETER FISHER. Sport of Pink Peter Fisher. Very good. Not patented.



VIRGINIA ROSE

DARK PINK SPORT OF VIRGINIA

Mr. C. B. Johnson paid \$2,000.00 for these two plants.

For description, see page 4

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



1939 CARNATION INTRODUCTIONS

CLARK'S BEAUTY (Seedling). Glowing dark Pink. Flowers average 3½ in. Does not split. Good keeper.

GARDENIA (Seedling). We named this beautiful fragrant white Carnation Gardenia because it can be used in corsages particularly when Gardenias are scarce. Gardenia is the largest pure snow white Carnation grown. A clean healthy grower. Flowers 4 inches and over. Good stem and a very good keeper.

LOCHINVAR (Seedling). A very beautiful novelty. Garnet with orchid. A clean grower, good stem, flowers 3½ inches.

MINUET (Seedling). Light pink. A little lighter than Maytime but larger in size.

OLIVETTE (Seedling). Pure white. 3-in. bloom of exceptionally high quality. Very high, full center. Perfectly symmetrical. Will not split. Calyx has six prongs instead of usual five. Petals are serrated. Blooms early and continuously, and is a heavy producer. Stem is straight and strong. Excellent keeper and shipper.

PHAROAH (Seedling). Orange is much deeper than in Barbara Brigham and variegation is only on edges of petals. Blooms measure from 3½ in. to 4½ in. across. An exceptionally beautiful novelty. Fine stem, firm calyx, very large. A splendid keeper.

ROSALIE (Seedling—patented). Bright shade of medium pink a little deeper and brighter than Betty Lou. Growth and flowers

are very free making fine plants in the field. Does not split. Flowers are the same size as King Cardinal which is the best red to date. Rosalie is sold under letters permit, same as Pink Treasure. Purchasers will be granted permission to propagate all they wish to plant for their own needs.

VIRGINIA ROSE. Dark Pink Sport of Virginia, a more pleasing shade than Mrs. C. W. Ward, which will blend in all kinds of floral work. Virginia Rose has all the same good qualities as Virginia in every way. We are receiving wonderful reports from all sections of the country. Many growers state they are sorry they did not buy more last year. Be sure you order some of this wonderful Carnation, that does not split.

	25	50	per 100	per 1000
Rooted Cuttings	\$3.50	\$6.50	\$12.00	\$100.00

ENGLISH VARIETIES

We handle all the Best English Varieties Grown by Peter Beuerlein Son's.

Send for list of Varieties and Prices.

NEW CARNATION BANDS

Made of pliable metal. Are easily attached and removed. Growers of large flowering fancy varieties which are inclined to split find it pays to use them. Can be used several times.

500 bands.....\$4.25 1000 bands.....\$8.00

CARNATION PRICE LIST—New and Standard Varieties

	25	50	100	1000
ANTARCTIC . White	\$2.50	\$4.25	\$8.00	\$70.00
BARBARA BRIGHAM . Lovely orange variegated sport of Golden Wonder, doing very well.....	2.00	3.50	6.00	50.00
BARBARA FARR . Red sport of Spectrum.....	2.50	4.50	8.00	70.00
BERKSHIRE HILLS . Light pink. See description	4.25	8.00	15.00	125.00
CANDYSTICK . See description.....	3.50	6.50	12.00	100.00
CARLOTTA . Dark Pink with rose cast... ..	2.00	3.25	6.00	50.00
CHARM . See description.....	6.00	10.50	20.00	150.00
CHIEF KOKOMO . Pink variegated on yellow—patented	3.50	6.25	12.00	100.00
CLARK'S BEAUTY . Glowing dark pink. See description	3.50	6.25	12.50	100.00
CORONET . Light yellow with red and white markings	4.50	8.00	15.00	125.00
DAINTY QUEEN . Variegated, pink and white	4.50	8.00	15.00	125.00
DAIRYMAID . White ground, heavily striped pink (English variety).....	3.00	5.00	8.50	75.00
DARK PINK MAYTIME . See description.....	4.25	8.00	15.00	125.00
DEL RAY . Dark pink.....	2.00	3.25	6.00	50.00
DELICACY . White variegated.....	2.00	3.50	6.00	50.00
DITCHLING . Rich Cerise (English variety).....	2.50	4.00	7.00	60.00
DICTATOR . Crimson red.....	8.50	16.00	30.00	250.00
DIMITY . White variegated deep claret (English variety)	2.50	4.00	7.00	60.00
DIRIGO . Ward color seedling.....	3.50	6.50	12.00	100.00
EDDIE G . See description.....	3.75	7.00	12.50	100.00
ELEANOR . Light pink.....	2.50	4.00	7.00	60.00
FAIRY QUEEN . Light pink.....	2.00	3.25	6.00	50.00

	25	50	100	1000
FAVOURITE . New white.....	3.50	6.25	12.00	100.00
GARDENIA . Giant pure white. See description	3.50	6.25	12.00	100.00
GARNET BEAUTY . Crimson.....	3.00	5.50	10.00	90.00
GIANT LADDIE . Light flesh pink.....	3.00	5.50	10.00	90.00
GOLDEN WONDER . Yellow variegated with deep pink.....	2.50	4.00	7.00	60.00
GREATHEART . Giant pink Ward color. Patented	6.00	11.00	20.00	150.00
HERMOSA . See description.....	4.25	8.00	15.00	125.00
IVORY . White	2.00	3.00	5.00	45.00
JOAN MARIE . Pure white. Patented....	2.50	4.00	7.00	60.00
JOHN BRIRY . See description.....	7.00	12.00	20.00	150.00
JOHNSON'S CRIMSON . Prolific.....	2.00	2.75	5.00	45.00
JOYCE . Fine new Crimson.....	7.00	13.00	20.00	150.00
KATHRYN ELIZABETH . Seedling. Ward color	3.50	6.50	12.00	100.00
KING CARDINAL . Best scarlet. Patented.....	3.50	6.50	12.00	100.00
LADDIE . Light flesh pink.....	3.00	5.50	10.00	90.00
LENORA . White with pink variegation..	2.00	3.25	6.00	50.00
LIGHT PINK ABUNDANCE . Patented....	3.50	6.50	12.00	100.00
LOCHINVAR . Seedling. Garnet with orchid edge. See description.....	4.50	8.00	15.00	125.00
LOUISE . Cattaleya mauve color (English variety)	4.50	8.00	15.00	125.00
LULU . Large orchid lavender.....	4.50	8.00	15.00	125.00
LUXURY . Scarlet. Fine in Spring.....	2.00	3.25	6.00	50.00
MAINE SUNSHINE . Clear yellow.....	2.00	3.25	6.00	50.00
MARIBEL . See description.....	8.00	15.00	25.00	150.00
MAVOURNEEN . Light pink.....	2.00	3.25	6.00	50.00
MAYTIME . Light pink.....	2.50	4.50	8.00	70.00
MELLOW PINK . Same color as Eleanor..	2.50	4.00	7.00	60.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



CARNATION PRICE LIST—Continued

	25	50	100	1000
MINUET. Light pink. See description....	4.50	8.00	15.00	125.00
MRS. C. B. JOHNSON. Seedling. Light salmon pink	3.50	6.50	12.00	100.00
MY LOVE. Deep pink, selected stock....	2.25	4.00	7.00	60.00
NEW DEAL WARD. Light pink.....	1.75	3.00	5.00	45.00
NORTH STAR. Yellow.....	2.00	3.25	6.00	50.00
OCEAN SPRAY. Pure white.....	2.00	3.25	6.00	50.00
OLIVETTE. New white. See description..	4.00	7.00	12.50	100.00
OPAL. Purple variegated, fine for dainty corsage work. Patented.....	3.50	6.25	12.00	100.00
ORANGE WONDER. Apricot color; sport of Golden Wonder.....	2.50	4.50	8.00	60.00
ORCHID BEAUTY. Pelargonium shading reddish purple to mellow pink. Patented	5.00	9.50	17.50	150.00
PARAGON. Dark pink.....	2.50	4.50	8.00	70.00
PATRICIAN. White	2.00	3.00	5.00	45.00
PELARGONIUM. White ground, overlaid on each petal (English variety).....	3.75	7.00	12.50	100.00
PETER FISHER. Medium pink.....	2.00	3.25	6.00	50.00
PHAROAH. Deep orange petals, red edge. 3½-4 in. flowers. See description....	3.50	6.25	12.00	100.00
PINK ABUNDANCE. Medium pink.....	2.00	3.25	6.00	50.00
PINK TREASURE. Medium pink. Patented	6.00	11.00	20.00	150.00
POTENTATE. Deep crimson purple.....	2.00	3.25	6.00	50.00
PURITAN. Pure white.....	2.00	3.25	6.00	50.00
PURITY. Pure white (English variety)...	2.50	4.00	7.00	60.00
REMEMBRANCE. Pleasing orchid. Patented	6.00	11.00	20.00	150.00
RIGOLETTO. Dark ox-blood red.....	2.00	3.50	6.00	50.00

	25	50	100	1000
ROSALIE. Bright shade of medium pink. See description. Patented.....	6.00	11.00	20.00	150.00
ROSE RUTH. Rose pink.....	3.00	5.50	10.00	90.00
ROYAL PURPLE. Patented.....	6.00	11.00	20.00	150.00
RUTH HENGSTENBERG. Light pink, like Virginia	3.50	6.50	12.50	100.00
SAGAMORE. New orange variegated...	2.00	3.25	6.00	50.00
SCARLET MONARCH. Scarlet.....	2.00	3.25	6.00	50.00
SETH PARKER. See description.....	6.00	11.00	20.00	150.00
SNOW WHITE. Large pure white. See description	4.50	8.00	15.00	125.00
SPECTRUM SUPREME. Scarlet.....	2.00	3.25	6.00	50.00
SPICY WHITE. White.....	2.00	3.25	6.00	50.00
TAMERLANE. Ward color.....	4.50	8.00	15.00	125.00
TOPSY. Large crimson.....	2.50	4.25	8.00	75.00
TRIUMPH. Light flesh pink.....	2.00	3.25	6.00	50.00
VIRGINIA. Light pink.....	2.50	4.00	7.00	60.00
VIRGINIA ROSE. Sport of Virginia. Rose pink. See description.....	3.50	6.50	12.00	100.00
VIVIAN. Bright medium pink.....	2.00	3.50	6.00	50.00
WHITE DAIRYMAID. Sport of Dairymaid. Pure white (English variety).....	8.50	16.00	30.00	250.00
WHITE DELIGHT. White.....	2.00	3.75	7.00	60.00
WHITE MAYTIME. See description....	4.50	8.00	15.00	125.00
WHITE MY LOVE.....	2.00	3.75	7.00	60.00
WHITE PETER FISHER. See description..	3.50	6.50	12.00	100.00
WIVELSFIELD CRIMSON. An intense velvety crimson (English variety).....	4.00	7.00	12.50	100.00
WOBURN. Crimson	2.50	4.00	7.00	60.00
YELLOW GOLD. Patented.....	6.00	11.00	20.00	150.00
YORK BEAUTY. Medium pink. Patented..	3.00	5.50	10.00	80.00

PLANTS AND ROOTED CUTTINGS

ABUTILON

	100
SAVITZL, 2¼ in.....	\$8.00
SOUVENIR DE BONN, 2¼ in.....	8.00
THOMPSONI, 2¼ in.....	8.00

ACALYPHA

	100	1000
SANDERI (Chenille Plant), 2¼ in.....	\$8.00	\$75.00
TRIUMPHANS. Bronzy Red Foliage, 2¼ in.....	8.00	75.00

ACHYRANTHES

	100
HERBSTII. Red, 2¼ in.....	\$6.00
McNALLY. Yellow and Green, 2¼ in.....	6.00

ADIANTUM

	100
GRACILLIMUM, 2¼ in.....	\$15.00
3 in.	25.00
CUNEATUM, 2¼ in.....	15.00
3 in.	25.00
FARLEYENSE, 2 in.....	25.00
3 in.	40.00
GLORIOSUM, 2 in.....	25.00
3 in.	40.00
SINCLAIR, 4 in.....	100.00
WRIGHTI, 2¼ in.....	15.00
3 in.	25.00

AGATHEA COELESTIS

	100
BLUE DAISY, 2½ in.....	\$7.00

AGERATUM

	100	1000
IRWIN'S PURPLE BEAUTY. Best Ageratum on the market. Particularly free flowering and low growing; also makes a grand pot plant. R. C.....	\$1.50	\$12.50
2¼ in.	6.00	50.00
IRWIN'S NEW CUT FLOWER AGERATUM. A fine cut flower for Winter growing under glass. Grows to about 18-24 in. tall. 2¼ in. (only).....	7.00	60.00
BLUE PERFECTION, R. C.....	1.50	12.50
2¼ in.	5.00	45.00
CARDINAL MUNDELEIN, R. C.....	1.75	15.00
2¼ in.	5.00	45.00
FRASERI, R. C.....	1.50	12.50
2¼ in.	5.00	45.00
LAMROSE, R. C.....	1.75	15.00
2¼ in.	6.00	50.00
RIVERSIDE, R. C.....	1.50	14.00
2¼ in.	5.00	45.00
RIVERSIDE IMP., R. C.....	2.00	18.00
2¼ in.	5.00	45.00
STELLA GURNEY, R. C.....	1.75	15.00
2¼ in.	4.00	35.00
STULBS, R. C.....	1.75	15.00
2¼ in.	4.00	35.00
STULBS IMP., R. C.....	2.75	25.00
2¼ in.	7.00	60.00

ALOYSIA CITRIODORA

(Lemon Verbena)

2¼ in.	\$7.00 per 100
-------------	----------------

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



ALTERNANTHERA

	100	1000
AUREA NANA. Yellow, R. C.....	\$2.00	\$15.00
2 1/4 in.	4.50	40.00
BRILLIANTISSIMA. Red, R. C.....	2.00	15.00
2 1/4 in.	4.50	40.00
PARONCHOIDES. Red, 2 1/4 in.....	4.50	40.00
ROSEA NANA. Autumn red, R. C.....	2.00	15.00
2 1/4 in.	4.50	40.00

ALYSSUM

	100	1000
DOUBLE SWEET, R. C.....	\$2.00	\$15.00
2 1/4 in.	4.00	35.00

AMPELOPSIS

	100	1000
VEITCHI, 2 1/4 in.....	\$7.00	\$65.00
2 yr. old vine.....	15.00	140.00

ANTHERICUM

	100	1000
VARIEGATED, 2 1/4 in.....	\$8.00	\$75.00

ANTIRRHINUM

See SNAPDRAGON

ARTEMISIA

	100	1000
SILVER KING, 2 1/4 in.....	\$7.50	\$70.00
(See PERENNIAL LIST FOR FIELD PLANTS)		

ASPARAGUS

	100	1000
PLUMOSUS. Seedlings	\$1.25	\$10.00
2 1/4 in.	4.00	35.00
3 in.	10.00	
SPRENGERI. Seedlings	1.25	10.00
2 1/4 in.	4.00	35.00
3 in.	10.00	

AZALEAS

The varieties listed below are grown for us by an Azalea specialist. No finer stock available at any price—f.o.b. Boston, Mass.

To force for Valentine's Day, Easter, and Christmas:

CORAL BELLS OR SALMON BEAUTY

	Each
4 in. pot grown, 6-8 in. crowns.....	\$0.70
4 1/2 in. pot grown, 8-10 in. crowns.....	.85
5 in. pot grown, 10-12 in. crowns.....	1.00
6 in. pot grown, 12 in. and over.....	1.25

For late forcing—Easter and Mother's Day:

CHAS. ENKE, HEXE, HINODEGIRI.....Prices on application

WHITE LIDIFOLIA

	Each
4 1/2 in. pot grown, 6-8 in. crowns.....	\$0.85
5 in. pot grown, 10-12 in. crowns.....	1.00
6 in. pot grown, heavy.....	2.00
After Christmas only:	

SNOW

	Each
4 1/2 in. pot grown, 8-10 in. crowns.....	\$0.85
5 in. pot grown, 10-12 in. crowns.....	1.00

INDICA VARIETIES

The following grown by our Azalea specialist on Long Island:

Fall Delivery

VAN DER CRUYSSSEN	VERVAENEANA	
TRIUMPH	VERVAENEANA ALBA	
ECLAIREUR	PAUL SCHOME	
JEAN HAERENS		
8-10 in. crowns.....	\$1.25	11-12 in. crowns.....\$2.00
10-12 in. crowns.....	1.60	12-13 in. crowns..... 2.25
MME. PETRICK AND IDEAL		
8-9 in. crowns.....	\$1.25	10-11 in. crowns.....\$1.90
9-10 in. crowns.....	1.60	11-12 in. crowns..... 2.25

FLOWERING BEGONIAS

STANDARD VARIETIES

Delivery—January to Spring

	R. C.		2 1/4	
	25	100	25	100
CHATELAINE SUPREME. Pink	\$1.00	\$2.50	\$2.00	\$7.00
CHATELAINE SUPREME. Red.....	1.00	2.50	2.00	7.00
CHRISTMAS CHEER, 2 1/4 in.....	1.00	2.50	1.75	5.00
CININNATI			6.00	20.00
3 in.			7.00	25.00
DARLING. Pink, 2 in.....			2.50	8.00
LADY MAC			6.00	20.00
3 in.			7.00	27.50
LUMINOSA	1.00	2.50	1.75	5.00
MARJORIE GIBBS			6.00	20.00
MELIOR			6.00	20.00
3 in.			7.00	27.50
NORBERG. Red			1.75	5.00
PINK PEARL, 3 in.....			2.50	8.00
PRIMA DONNA	1.00	2.50	1.75	5.00
RED PEARL, 3 in.....			2.50	8.00
RED MIXED. (12 greenhouse varieties)....			3.00	12.00
VERNON			1.75	5.00

FANCY LEAF BEGONIAS

	25	100
ARGENTEA GUTTATA, 2 1/4 in.....	\$2.25	\$7.50
CORALLINA DE LUCERNE, 2 1/4 in.....	2.25	7.50
OTTO HACKER, 2 1/4 in.....	2.25	7.50
PRES. CARNOT, 2 1/4 in.....	2.25	7.50

BELOPERONE GUTTATA

SHRIMP PLANT, 2 1/4 in.....	\$7.00 per 100
-----------------------------	----------------

BOUGAINVILLEA

	Doz.	100
CRIMSON LAKE. Red, 2 1/4 in.....	\$2.00	\$12.00
SANDERIANA. Lavender, 2 1/4 in.....	1.50	8.00
ZIECHMANNI. Orchid purple, 2 1/4 in.....	1.50	10.00

BOUVARDIA

	100	1000
GIANT PINK, 2 1/4 in.....	\$12.00	\$110.00
GIANT RED, 2 1/4 in.....	12.00	110.00
HUMBOLDTI. Large White, 2 1/4 in.....	15.00	140.00
WHITE JOY, 2 1/4 in.....	8.00	75.00

Delivery May and later.

BROWALLIA

	100
GIGANTIC BLUE, 2 1/4 in.....	\$7.00
SPECIOSA MAJOR. Dark blue, 2 1/4 in.....	7.00
SPECIOSA GRANDIFLORA ALBA, 2 1/4 in.....	7.00

BUDDLEIA—NEW

ORCHID BEAUTY. True orchid color with yellow-orange eye.

	Doz.	100
2 1/4 in. for Spring—2 yr. field clumps, Fall.....	\$7.50	\$70.00

RECENT INTRODUCTIONS

CONCORD. Grape color with dark, blood-red eye, 5 ft.
ELEANOR. Dark blue with orange eyes, 3 ft.
2 1/4 in. for Spring delivery or 2 yr. field clumps, Fall delivery.
25 for \$8.50, 100 for \$27.50.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**BUDDLEIA—Continued**

STANDARD VARIETIES	25	100
ASIATICA. White for forcing, 2¼ in.....	\$2.25	\$7.00
CHARMING. Large lavender pink trusses, 2¼ in.....	3.50	12.00
Field Grown	4.50	15.00
DUBONNET. Vivid red, 2¼ in.....	4.50	15.00
Field Grown	8.00	30.00
FORTUNE. Rose lavender (Pat), 2½ in.....	7.50	25.00
HARTWEGI. Rose lavender, 2¼ in.....	3.00	10.00
Field Grown	4.50	15.00
ILE DE FRANCE. Rosy purple, 2¼ in.....	3.00	10.00
Field Grown	4.50	15.00
VARIABILIS MAGNIFICA, 2¼ in.....	2.00	6.50

See also Page 15

CACTI—For Dish Work 100 1000

IN ALL VARIETIES, 2¼ in.....	\$7.00	\$65.00
ASSORTMENTS Named Varieties Labeled		
Prices range from \$4.00 to \$12.00 per 100 according to selections.		
(Send for our full list of SUCCULENTS)		

CALCEOLARIAS**New Introduction** 25 100

GREATER NEW YORK.....	\$5.50	\$20.00
In all the finer shades and colors including 5 shades of Red, Yellow, Bronze, Honey-Dew, etc.		

Standard Varieties 25 100

EASTER GREETING. Good range of colors.....	\$3.50	\$12.00
FELTHAM GLORY. Rust and mahogany shades.....	3.00	10.00
GOLIATH. Largest flowers, similar to Perfect Model..	3.00	10.00
MULTANA-SPOTTED SELF COLORS.....	2.50	8.00
PERFECT MODEL IMPROVED. Large flowers, fine colors	3.00	10.00
RAMONA. Large Multiflora Compacta. Excellent asst. of colors	3.00	10.00

Mother's Day Varieties

GOLDEN BRONZE GROUP. Fine assortment yellow, orange flame, apricot, bronze, golden brown.....	5.50	20.00
GOLDEN GEM (Little Gem). Color of Stewartii, flowers 1/3 their size.....	5.00	18.00
IMPROVED ROSACKERS BRILLIANT. Very fine red....	5.00	18.00
PERFECTION. A real boon to florists. All colors, very strong grower	5.00	18.00
PINK BEAUTY. Strawberry color.....	5.00	18.00
PURE FLAME. Most marvelous flame red.....	5.50	20.00
ROYAL RED. Marvellous assortment of brilliant glowing reds	5.50	20.00
SENSATION. Best Hybrid Calceolaria. (In 6 fine colors).	4.50	15.00
STEWARTII. Canary yellow	5.00	18.00
VERMILLION SUPREME. Sparkling vermillion red.....	5.00	18.00

Delivery September and later.

CALENDULAS 100 1000

ORANGE, 2¼ in.....	\$3.50	\$30.00
YELLOW, 2¼ in.....	3.50	30.00

CAMELLIAS

SARA C. HASTIE. Best large early pink		
4 in. pots.....	\$0.90	5 in. pots.....\$1.50 6 in. pots.....\$2.25
PINK PERFECTION. Full of buds. 6 in. pots.....	4.50	
BAUMANN'S RED		
4 in. pots.....	\$0.90	5 in. pots.....\$2.25 6 in. pots.....3.00
PURITY. 6 in. pots.....	2.25	
UNNAMED VARIETIES. All good flowering kinds		
4 in. pots.....	\$0.90	6 in. pots.....2.25
8 to 10 in. tubs.....	\$15 to \$20.00 each	
We have large stock of Camellias available. Write us your wants. We are always glad to advise just what is available and quote you on any quantity. Special prices on large quantities.		

CENTURY PLANT 100

AGAVE SISALANA	\$4.75
----------------------	--------

CHERRIES 100 1000

RED, 2¼ in.....	\$6.00	\$50.00
Field grown	22.50	
YELLOW, 2¼ in.....	6.00	50.00

CHINESE EVERGREENS

Sizes and prices fluctuate constantly.

1000

3-4 LEAVES, 6 in.....	\$65.00
6 LEAVES, 10-12 in.....	130.00
14-15 in.	150.00

CHRYSANTHEMUMS

Refer to Special Mum Catalogue.

CINERARIAS 100 1000

CREMER'S PRIZE STRAIN, 2¼ in.....	\$6.00	\$55.00
MULTIFLORA NANA, 2¼ in.....	6.00	55.00
POTSDAM, 2¼ in.....	6.00	55.00
STELLATA, 2¼ in.....	6.00	55.00
SEMI-DWARF MIXED, 2¼ in.....	6.00	55.00
SITER'S RAINBOW STRAIN, 2¼ in.....	7.00	65.00

COLEUS

AMERICAN BEAUTY	HOLLYWOOD ROSE
ANNA PFITZER	IMPROVED HARDING
BEAUTY OF CAROLINA	JOHN PFITZER
BEAUTY OF LYON	JOSEPH'S COAT
BECKWITH GEM	LORD PALMERSTONE
BIG TIM	MARIAN
BUTTERFLY	MASSEY
CAROLINA	MESKERS
CORAL	MISS MIAMI
DEFIANCE	PINK TRAILING QUEEN
ELEANOR	PINK VERSCHAFFELTI
ELIZABETH	QUEEN VICTORIA
ELLA CINDERS	RED TRAILING QUEEN
FIREBRAND	SALVADOR
FIREFLAME	SENSATION
GOLD BOUND	SUN RAY
GOLDEN BEDDER	TRAILING QUEEN
GREEN GODDESS	VELVET
HELEN	VERSHAFFELTI
HOLLYWOOD RED	WITCHCRAFT
All of the above—	

	100	1000
Rooted Cuttings	\$1.75	\$15.00
2¼ in.	4.00	37.50
BRILLIANCY, R. C.....	3.00	25.00
2¼ in.	5.00	45.00

CRASSULA ARBORESCENS

(Jade Plant)

Unrooted, Rooted and Plants in All Sizes—Send for Special Prices.

CROTONS 100

ASSORTED VARIETIES. Well-colored, 2¼ in.....	\$15.00
3 in.	25.00

CUPHEA

(Cigar Plant)

	100	1000
Rooted Cuttings	\$1.75	\$15.00
2¼ in.	4.00	35.00

CYCLAMEN—Binnewies Strain

	25	100	1000
Twice Transplanted, 3-5 leaves, January-May...	\$2.25	\$7.00	\$60.00
Twice Transplanted, 5-8 leaves, January-May...	2.75	9.00	85.00
2¼ in. April-August.....	3.00	10.00	....
3 in. May-October.....	4.50	15.00	....
4 in. June-December.....	8.75	30.00	....
5 in. July-December	18.75	52.50	....
6 in. August-December.....	25.00	75.00	....

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



CYPERUS

(Umbrella Plant)

100

ALTERNIFOLIUS. A popular aquatic, 2 1/4 in.\$7.00

DAHLIAS

EASTER GREETING

PINK

WHITE

RED

YELLOW

ORANGE

LAVENDER

The above, 2 1/4 in.\$25.00 per 100

DAHLIA ROOTS—See pages 17-18

DAISIES

100 1000

ADMIRAL BYRD. New double frilled Shasta Daisy....

(CHRYSANTHEMUM MAXIMA), 2 1/4 in.25 for \$4.50, 100 \$15.00

BLUE AGATHAEA COELESTIS, 2 1/4 in.\$7.50 \$65.00

BOSTON YELLOW IMP. R. C.4.00 35.00

2 1/4 in.7.00 65.00

3 in.12.00 110.00

ELDER'S GIANT WHITE, 2 1/4 in.10.00 75.00

NICHOLSON WHITE. R. C.4.00 35.00

2 1/4 in.7.00 65.00

Fall delivery.

DAPHNE CNEORUM

REGULAR NURSERY GRADE—BALLED AND BURLAPPED

25 100

5-7 in. heads.\$8.50 \$30.00

6-9 in. heads.10.00 37.50

9-12 in. heads.16.00 55.00

12-15 in. heads.20.00 75.00

15-18 in. heads.25.00 90.00

DELPHINIUM

GALAHAD SERIES. Clear Glistening White—enormous size.

BLACK KNIGHT SERIES. Finest of the Dark purple.

BLUE JAY SERIES. Blue ranging from medium to dark with long spikes.

LANCELOT SERIES. Pure Lilac self-toned with white bee.

25 100

The above at 2 1/2 in.\$6.00 \$20.00

3 in.7.00 25.00

GUINEVERE SERIES. Light Pink Lavender self-toned with white bee.

KING ARTHUR SERIES. Brilliant Royal Violet with large white bee.

MEDIUM BLUE SHADES. Color range from light to dark blue.

SUMMER SKIES SERIES. Clearest Light Blue with white bee.

ALL SERIES, MIXED. This mixture comprises plants from all the above mentioned series.

25 100

The above at 2 1/2 in.\$4.00 \$12.00

3 in.5.00 15.00

Spring delivery on all of the above.

3 in. size may also be had for fall delivery.

GIANT PACIFIC HYBRIDS. Extra choice mixed.

25 100

Spring delivery\$3.00 \$10.00

PAPPAS CERTIFIED HYBRIDS. Special cut flower strain.

Grown in New Hampshire. Spring delivery.

25 100

2 1/4 in.\$4.00 \$12.00

3 in.5.00 15.00

For FIELD PLANTS—See PERENNIAL LIST, Page 16

DIDISCUS

100 1000

GIANT BLUE LACE FLOWER, 2 1/4 in.\$5.00 \$45.00

DRACAENA

100 1000

INDIVISA, 2 1/4 in.\$5.00 \$45.00

3 in.12.00 110.00

GODSEFFIANA, 2 1/4 in.15.00 150.00

MASSANGEANA—Write for prices.

DUSTY-MILLER

100

SENECIO ARGENTEUS, 2 1/4 in.\$6.00

SENECIO LEUCOSTACHYS, 2 1/4 in.6.00

ERICA

MELANTHERA WHITE (Heather).....Prices on request

ERLANGEA TOMENTOSA

100

2 1/4 in.\$6.00

EUPHORBIA

25 100

JACQUINIAEFLORE, 2 1/4 in.\$2.50 \$8.00

LACTEA. R. C.1.25 4.75

SPLENDENS (Crown of Thorns), 2 1/4 in.2.25 7.00

FERNS

Table Fern Seedlings

July Delivery

ADIANTUM CUNEATUM

PTERIS VICTORIA

ASPIDIUM TSUSSIMENSE

PTERIS TREMULA

CYRTOMIUM COMPACTUM

PTERIS WILSONI

CYRTOMIUM FALCATUM

PTERIS RIVERTONIANA

PTERIS ADIANTOIDES

PTERIS WIMSETTI

PTERIS MAYI

PTERIS ARGYREA

PTERIS ALBO LINEATA

MIXED

Above varieties: per flat (about 165 clumps).....\$3.50

5 flats or more, per flat.....3.25

PTERIS HOLLY, per flat.....4.25

5 flats or more, per flat.....4.00

* * * *

100 1000

2 1/4 in. pots of the above.....\$7.00 \$60.00

3 in. pots of the above.....8.00 150.00

OTHER VARIETIES

2 1/4 In. Pot Plants

100 1000

BIRD'S NEST\$22.50

BOSTON7.00 60.00

DWARF BOSTON7.00 60.00

NORWOOD10.00 90.00

ROOSEVELT7.00 60.00

SCOTTI7.00 60.00

SELAGINELLA (moss).....12.00

SUPERBISSIMA (Fluffy Ruffles).....12.00

TEDDY JR.7.00 60.00

VERONA7.00 60.00

WHITMANI7.00 60.00

4 In. Pot Plants

BIRD'S NEST80.00

CIBOTIUM SCHIEDEI120.00

DWARF BOSTON35.00

ROOSEVELT35.00

SCOTTI35.00

TEDDY JR.35.00

VERONA35.00

WHITMANI35.00

FEVERFEW

100 1000

LITTLE GEM, 2 1/4 in.\$5.00 \$45.00

FICUS ELASTICA

See RUBBER PLANTS

FORGET-ME-NOTS

25 100

IRWIN'S GREENHOUSE FORCING. Ready Sept. 1.

2 1/4 in.\$3.00 \$10.00

FUCHSIAS

100 1000

IRWIN'S GIANT PINK. Best for Mother's Day. R. C.\$3.00 \$27.50

2 1/4 in.5.50 50.00

IRWIN'S PINK PEARL. R. C.4.00 35.00

2 1/4 in.6.00 55.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



FUCHSIAS—Continued

	R. C.		2 1/4	
	100	1000	100	1000
BLACK PRINCE	\$3.00	\$25.00	\$5.50	\$50.00
DOUBLE LAVENDER	3.50	30.00	6.00	55.00
DOUBLE PURPLE	3.50	30.00	6.00	55.00
DOUBLE WHITE	3.00	27.50	5.50	50.00
GIANT PINK	3.00	27.50	5.50	50.00
LITTLE BEAUTY	3.00	27.50	5.50	50.00
LORD BYRON	3.00	27.50	5.50	50.00
PRIDE OF ORION	3.50	30.00	6.00	55.00
MIXED VARIETIES	3.00	27.50	5.50	50.00

GAILLARDIA

25 100

GOLDEN GODDESS. Everblooming—24 in. Bushy plants, come into full flower early June. 2 in. pot plants...\$3.50 \$12.00
 SUN GOD IMPROVED. Golden Yellow. Resembles a well-grown Anemone Mum. 2 in. pot plants..... 3.50 12.00

GARDENIAS

100 1000

HADLEY, 2 1/4 in.....	\$18.00	\$135.00
3 in.....	25.00	175.00
PRIDE OF DAISY HILL. Heavy bloomer, easy to grow. 2 1/4 in.....	25.00	
3 in.....	50.00	
VEITCHI IMP. 2 1/4 in.....	12.00	100.00
3 in.....	17.50	150.00
4 in.....	35.00	275.00

Under 25 25-49 50-99 100 or more

Each Each Each Each

BELMONT, 3 in.....	\$0.60	\$0.55	\$0.45	\$0.36
4 in.....	.80	.70	.55	.45

GENISTA

25 100

MENTOR. Deepest yellow, 2 1/4 in.....	\$3.00	\$10.00
3 in.....	4.50	15.00
4 in.....	7.00	25.00

GERANIUMS

	R. C.		2 1/4 In.	
	100	1000	100	1000
BARNEY PINK	\$3.50	\$30.00	\$6.00	\$55.00
BARNEY RED	3.50	30.00	6.00	55.00
BRIDGEPORT	3.50	30.00	6.00	55.00
EDMOND BLANC	3.50	30.00	6.00	55.00
MME. BUCHNER	3.50	30.00	6.00	55.00
FIAT	4.00	35.00	6.50	60.00
FIAT ENCHANTRESS	4.50	40.00	7.50	70.00
FIAT RED	3.50	30.00	6.00	55.00
HARRIET ANN	3.50	30.00	6.00	55.00
IMP. RICARD	3.50	30.00	6.00	55.00
MME. LANDRY	3.50	30.00	6.00	55.00
MRS. LAWRENCE	3.50	30.00	6.00	55.00
HELEN MICHEL	3.50	30.00	6.00	55.00
MOREAU'S RICARD	3.50	30.00	6.00	55.00
S. A. NUTT.....	3.50	30.00	6.00	55.00
J. OBERLE	3.50	30.00	6.00	55.00
OLYMPIC RED	4.50	40.00	6.00	55.00
POITEVINE IMP.	3.50	30.00	6.00	55.00
PRIDE OF CAMDEN.....	3.50	30.00	6.00	55.00
B. PRIESTLY	3.50	30.00	6.00	55.00
RADIO RED	3.50	30.00	6.00	55.00
BEDFORD	3.50	30.00	6.00	55.00
ALPHONSE RICARD	3.50	30.00	6.00	55.00
SALMON SUPREME	4.00	35.00	6.00	55.00
TENNY'S SCARLET	3.50	30.00	6.00	55.00
JEAN VIAUD	3.50	30.00	6.00	55.00
WALLINGFORD	3.50	30.00	6.00	55.00
WHITE MADONNA	5.00	45.00	7.00	60.00
WHITE WONDER	9.00	80.00	15.00	150.00
WYONA	4.50	40.00	7.00	65.00

Rooted cuttings not always available. We recommend 2 1/4 in. pot plants for best results at all times.

PALMIER'S GERANIUMS

Originator's Stock

100 1000

IMPROVED RICARD	\$7.00	\$65.00
SALMON SUPREME	8.00	75.00

250 variety at the 1000 rate.

IVY GERANIUM, 2 1/4 in.....	7.00	65.00
-----------------------------	------	-------

GERBERA

VERY CHOICE STRAIN—All Mixed Colors except Last Item

100 1000

Seedlings	\$1.50	\$10.00
Transplants	2.00	15.00
2 1/4 in. Pot-grown.....	5.00	45.00
1 yr. Clumps	30.00	300.00
1 yr. Divisions	15.00	150.00
2 yr. Divisions	22.50	225.00
Field-grown Single Divisions.....	15.00	140.00
Field-grown Plants, 1 eye.....	4.25	37.50
Field-grown Plants, 2 eyes.....	7.00	65.00
Field-grown Plants, 3 eyes.....	12.00	110.00
Field-grown Plants, 3 eyes in separate colors: Pink, Coral, Red, Rose, Yellow, Orange.....	15.00	150.00

GREVILLEA ROBUSTA (Silk Oak)

100 1000

2 1/4 in.	\$6.00	\$55.00
----------------	--------	---------

GYPSOPHILA

100 1000

BODGERI. Grafted, 2 in.....	\$8.00	\$80.00
BRISTOL FAIRY. Grafted, 2 in.....	10.00	100.00
Grafted, 3 in.....	12.50	125.00
DOUBLE COLORADO TYPE, 2 in.....	15.00	150.00
ROSY VEIL. Grafted, 2 in.....	8.00	80.00

For FIELD PLANTS of the above—See page 16

HELIOTROPE

January and later

R. C. 2 1/4 in.

100 1000 100 1000

CENTEFLEUR, Dark sweet.....	\$7.00	\$60.00
ELSA. Giant dark blue.....	\$3.50	\$30.00
FLO. NIGHTINGALE. Bright lavender...	7.00	60.00
MME. BUSHINGER. Giant dark blue...	3.50	30.00
SNOW WREATH. Pure white, sweet...	7.00	60.00
SWEET SCENTED. Old-fashioned.....	3.00	25.00
TRUE ROYAL FRAGRANCE. Deep blue.	3.50	30.00
	7.00	60.00

CHINESE HIBISCUS

100

DOUBLE CRIMSON, 2 1/4 in.....	\$8.00
GRANDIFLORUS, 2 1/4 in.....	8.00
PEACHBLOW, 2 1/4 in.....	8.00
4 in.....	25.00
SUB VIOLECEOUS, 2 1/4 in.....	8.00

HYDRANGEAS

New Varieties

METEOR. Brilliant red	
WESTFALEN. Clear dark red	
APPOLLO. Glowing ruby red	
DAPHNE. Brilliant bright red	
CARMEN. Copper red	
Above at R. C.....	\$4.00 per doz. \$25.00 per 100
2 1/4 in.	5.00 per doz. 30.00 per 100

Recent Introductions

STRAFFORD. Clear deep glowing pink. Flowers very double up to 10 in. in size.	
R. C.	\$20.00 per 100. \$180.00 per 1000
2 1/4 in.	25.00 per 100. 225.00 per 1000
"HELEN MERRITT" (Patent No. 276). Natural deep rose treated hortense violet.	
R. C....	\$15.00 per 100; 2 in. \$20.00 per 100; 3 in. \$25.00 per 100
GUS. Wilt-resistant, free grower, forces readily.	
R. C.....	\$16.00 per 100; 2 in. \$20.00 per 100

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



HYDRANGEAS—Continued

Flowering date on varieties listed below is designated as follows:
E—Early; M—Mid-season; L—Late

	R. C.	2 in.	3 in.
	100	100	100
M—REGULA. Large white.....	\$25.00	\$30.00	\$35.00
E—SONNENGRUSS. Rose	25.00	30.00	35.00
E—WESTPHALEN. Carmine	25.00	30.00	35.00

Standard Varieties

E—ALTOONA. Clear pink.....	10.00	15.00	20.00
E—EUROPA. Salmon pink.....	10.00	15.00	20.00
E—HAMBURG. Carmine	10.00	15.00	20.00
E—KUNERT. Blues fine, rose pink.....	10.00	15.00	20.00
M—SCH. PERLE. Large pink, blues fine.....	10.00	15.00	20.00
M—MERVEILLE. Carmine rose, large flowers...	10.00	15.00	20.00
M—ROSABELLE. Begonia rose, large flowers...	10.00	15.00	20.00
E—CHAUTARD. Pink, easy forcer.....	5.00	8.00	12.00
E—E. G. HILL. Clear pink, blues easy.....	5.00	8.00	12.00
E—E. MOUILLIERE. Best white.....	5.00	8.00	12.00
E—LORELEI. Carmine red.....	5.00	8.00	12.00
L—OTAKSA. The old reliable.....	5.00	8.00	12.00
M—RHEINGOLD. Brilliant pink.....	5.00	8.00	12.00
E—SPLENDENS. Glossy clear red.....	5.00	8.00	12.00
E—TROPHEE. Early red.....	5.00	8.00	12.00
M—GERTRUDE GLAHN. Dark rose or violet blue	5.00	8.00	12.00
M—GOLIATH. Truly a giant, blues fine.....	5.00	8.00	12.00
E—HELGE. Soft red.....	5.00	8.00	12.00
E—M. FOCH. Early deep carmine.....	5.00	8.00	12.00
E—NEIDERSACHSEN. Excellent for blue.....	5.00	8.00	12.00
L—PARSIFAL. Red fringed petals.....	5.00	8.00	12.00
E—DEUTSCHLAND. Sturdy salmon pink.....	5.00	8.00	12.00
E—M. BAARDSE. Salmon red.....	5.00	8.00	12.00
E—STEINMETZ. Excellent grower. Pink.....	5.00	8.00	12.00
E—AMI PASQUAAR. Best red.....	8.00	12.00	18.00
M—GISELHER. Dark carmine red.....	8.00	12.00	18.00
L—HOLLANDIA. Beautiful salmon red.....	8.00	12.00	18.00
L—LOUIS SAVAGE. Excellent dark pink.....	8.00	12.00	18.00
E—MEIN LIEBLING. Dark pink.....	8.00	12.00	18.00
M—WILKOMEN. Brilliant pink.....	8.00	12.00	18.00

E—Early; M—Mid-season; L—Late

FALL DELIVERY—After October 1

	100
2 in.—1 flowering shoot.....	\$ 8.00
3 in.—1 flowering shoot.....	12.00
4 in.—2 flowering shoots.....	25.00
5 in.—3 to 5 flowering shoots.....	35.00
6 in.—5 to 8 flowering shoots.....	50.00
7 in.—8 or more flowering shoots.....	75.00
8 in.—10 or more flowering shoots.....	125.00

IMPATIENS

	100	1000
HOLSTI. Bright vermillion, 2 1/4 in.....	\$6.00	\$55.00
HOLSTI VARIEGATED, 2 1/4 in.....	6.00	55.00
PINK BEAUTY. Salmon pink, purple eye, 2 1/4 in.....	6.00	55.00
SULTANI. Bright red, 2 1/4 in.....	6.00	55.00

IRIS

	100	1000
GERMANICA	Write for prices	
KAEMPFERI	Write for prices	

IVY

	100	1000
ALBANY DWARF TREE. Fine for dish work, 2 1/4 in...	\$15.00	\$140.00
3 in.	30.00	275.00
BOSTON (HARDY) See AMPELOPSIS		
BROAD LEAF, 2 1/4 in.....	7.00	65.00
ENGLISH. November to Spring. R. C.....	2.00	13.50
5000 lots		12.00
10,000 lots		10.00
ENGLISH VARIEGATED, 2 1/4 in.....	8.00	75.00
GERMAN or PARLOR. R. C.....	2.00	15.00
2 1/4 in.	3.50	35.00

IVY—Continued

	100	1000
RHOMBIFOLIA, GRAPE or VITIS, 2 1/4 in.....	\$10.00	\$90.00
3 in.	25.00	240.00
HAGENBURGER'S VARIEGATED. R. C.....	4.00	35.00
2 1/4 in.	8.00	75.00
HAHN'S SELF BRANCHING. R. C.....	3.00	25.00
Field plants	12.00	110.00
2 1/4 in.	10.00	90.00
3 in.	18.00	175.00
4 in.	35.00	325.00
5 in.	50.00	450.00
HEART-SHAPE LEAF, 2 1/4 in.....	7.00	60.00
JAPANESE MINIATURE. R. C.....	5.00	45.00
MERION BEAUTY. R. C.....	6.00	50.00
2 1/4 in.	10.00	90.00
MINIATURE LEAF. R. C.....	3.00	25.00
2 1/4 in.	5.00	45.00
MINIATURE LEAF VARIEGATED, 2 1/4 in.....	7.00	65.00

KALANCHOE

	100	1000
GLOBULIFERA COCCINEA, 2 1/4 in.....	\$7.00	\$60.00

KUDZU-VINE

	100	1000
JACK-AND-THE-BEANSTALK. Most rapid growing vine		
known, 2 1/4 in.....	\$7.00	\$65.00

LANTANAS

	100	1000
The following, 2 1/4 in.....	\$6.00	\$55.00

ALBA PERFECTA. Pure white		
AURORA. Pink and yellow		
CAPRICE. Pink dwarf		
COMTE DE BIENCOURT. Pink and yellow		
CRAIGI. Dwarf red		
DELICATISSIMA. Orange, shading to buff		
DREAM. Yellow and pink		
DWARF BEAUTY. Yellow to pink		
DWARF BRONZE. Similar to M. Schmidt		
DWARF BUCKEYE. Red and yellow.		
GOLDEN KING. Yellow		
GOLDEN QUEEN. A shade lighter than La Pleur D'Or		
GOLDEN PLUME. Gold to reddish bronze		
JACOB SCHULTZ. The best red		
LA PLEUR D'OR. Golden yellow		
MICHAEL SCHMIDT. Red, orange and yellow.		
ORANGE BEAUTY		
RADIATION. Brilliant red, center orange yellow		
RICHMOND. Yellow and buff		
SENSATION. Yellow to pink		
SHULZ BIENCOURT. Yellow and pink		
SNOW WHITE. White		
SOUTHERN. Yellow and pink		
TETHYS. Lemon yellow		
WEeping. Lavender, drooping habit		
YELLOW QUEEN. Yellow		

	100	1000
ROOTED CUTTINGS. Mixed varieties.....	\$3.50	\$30.00

LEMON-VERBENA

	100
2 1/4 in.	\$7.00

LOBELIA

	100
KATHLEEN MALLARD. Lavender blue double, 2 1/4 in.....	\$6.00

MARIGOLD

	100	1000
LIEB'S GIANT SINGLE (New). Very large single flowers;		
deep, velvety mahogany. Strong plants.....	\$7.50	\$60.00
LIEB'S BROWN. With golden center. Strong plants.....	6.00	50.00
LIEB'S WINTER SUNSHINE. Deep orange yellow sport.		
Strong plants	8.00	65.00

Delivery October-March

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



MUMS

Refer to special MUM catalogue

MYRTLE—HARDY

	100	1000
Strong Field Clumps.....	\$4.00	\$30.00

NEPHTHYTIS

	100	1000
LIBERICA. 3 leaves up 4/8 in.....	\$40.00	
Midgets. 2 1/2 leaves. R. C.....		30.00
2 1/4 in. pot grown.....	\$10.00	

Prices fluctuate—send for current SUCCULENT list

NIEREMBERGIA

	100	1000
AZUREA. Blue. Fine for window boxes and hanging baskets. Everblooming, sky-blue, bell-shaped flowers.		
2 1/4 in.	\$8.00	\$75.00

OLEANDERS

	100	1000
CRIMSON QUEEN. 2 1/4 in.....	\$7.50	\$65.00
DOUBLE YELLOW. 2 1/4 in.....	7.50	65.00
LILIAN HENDERSON. 2 1/4 in.....	7.50	65.00
ROSEA. 2 1/4 in.....	7.50	65.00

PACHYSANDRA TERMINALIS (Ground Cover)

	100	1000
Rooted Cutting	\$4.50	\$40.00
2 1/4 in. pot plants.....	7.00	65.00

PALMS

KENTIA FORSTERIANA.

Single plants. Made up plants—write for prices.

PHOENIX CANARIENSIS.

3 1/2, 4, 4 1/2, and 5 ft heights—write for prices

PANDANUS VEITCHI

	100	1000
6-8 in Unrooted Cuttings.....	\$4.50	\$40.00
10-14 in.	5.00	45.00
15-18 in.	6.00	55.00
2 1/2 in. pot size Rooted.....	10.00	
3 in.	11.00	
4 in.	14.00	
6 in.	16.00	

PELARGONIUMS

AZALEA	LAVENDER QUEEN
BEAUTIFUL	LUCY BECKER
EARLIANA	MRS. LAYAL
EASTER GREETING	ORCHID EDITH NORTH
EDITH NORTH	PRINCESS
GARDENER'S JOY	SPRINGTIME
GERMAN GLORY	SUE JARRETT
IDA HENLEY	SWABIAN MAID
LAVENDER QUELDINBURG	WURTEMBERGIA

All above: 25 100 1000

Rooted Cuttings	\$1.75	\$6.00	\$55.00
2 in.	2.25	8.00	75.00
3 in.	3.00	11.00	100.00

BEVERLY HILLS	MRS. F. BACHLER
CHICAGO MARKET	MRS. MARY BARD
DIENER'S GIANT	NEUHEIT C. FAISS
FAISS' TRIUMPH	ONKEL RICHTER
FRUEHLINGSZAUBER	OTOKAR SAMOHRD
GIANT VENUS	PASO ROBLES
GLENDALE	PIRU
GROSSMAMA FISCHER	RUTH W. MC 'AFEE
KARMINKOENIGIN	SALMON SPRINGTIME
MACKENSEN	SAN DIEGO
MARIE VOGEL	SANTA MONICA
MAY QUEEN	VERA N. WATT

All above: 25 100 1000

Rooted Cuttings	\$2.25	\$8.00	\$75.00
2 in.	2.75	10.00	90.00
3 in.	3.50	13.00	120.00

PELARGONIUMS—Continued

BERTHA WAGNER

EDITH CAVELL

ETHELYN

MAID MARIAN

PINK GARDENER'S JOY

RUTH ELEANOR

All above: 25 100 1000

Rooted Cuttings	\$2.75	\$10.00	\$90.00
2 in.	3.25	12.00	110.00
3 in.	4.00	15.00	135.00

ELENORE ROBER

FLORA BELLE CLOUSE

LOIS MAC'KAY

SUNSET MAGAZINE

THERESE

All above: Doz.

2 in.	\$3.00
3 in.	4.00

PEPEROMIA

	100	1000
OBTUSIFOLIA. R. C.....	\$4.00	\$35.00
2 1/4 in.	8.00	75.00
SANDERSI (Watermelon Begonia). 2 1/4 in.....	12.50	120.00
SILVER LEAF. 2 1/4 in.....	15.00	140.00
3 in.	30.00	

PERENNIALS

See page 15

PEROVSKIA

	25	100
ATRIPLICIFOLIA (Russian Sage) Hardy. Silvery blue flowers, 2 1/2 in.....	\$7.50	\$27.00

PETUNIAS

January and later

DOUBLE

	100	1000
CLARIMERE. Velvety royal purple. R. C.....	\$6.00	\$50.00
2 1/4 in.	12.50	110.00
DU PONT SUPREME. Very large white. R. C.....	7.00	65.00
2 1/4 in.	12.50	110.00
LAVENDER. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00
OREGON BEAUTY. Large deep pink. R. C.....	6.00	55.00
2 1/4 in.	12.50	110.00
PINK. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00
PUENTS PINK. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00
PURPLE. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00
ROSY MORN. R. C.....	3.00	25.00
2 1/4 in.	5.00	45.00
STILL POND. Ruffled pink. R. C.....	7.00	65.00
2 1/4 in.	12.50	110.00
VARIEGATED PURPLE AND WHITE. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00
VICTORIOUS. R. C.....	4.00	35.00
2 1/4 in.	6.00	55.00
WHITE. R. C.....	3.00	25.00
2 1/4 in.	5.00	45.00
WORLD BEAUTY. Carmine pink; dwarf. R. C.....	4.00	35.00
2 1/4 in.	6.00	55.00
EXTRA CHOICE MIXED. R. C.....	2.50	20.00
2 1/4 in.	5.00	45.00

SINGLE

	100	1000
ROSY MORN IMPROVED. 2 1/4 in.....	\$3.50	\$30.00
BALCONY WHITE. 2 1/4 in.....	3.50	30.00
BALCONY ROSE. 2 1/4 in.....	3.50	30.00
BALCONY RED. 2 1/4 in.....	3.50	30.00
BALCONY BLUE. 2 1/4 in.....	3.50	30.00
GIANTS OF CALIFORNIA. 2 1/4 in.....	3.50	30.00
RUFFLED GIANTS. 2 1/4 in.....	3.50	30.00
HOWARD'S STAR IMPROVED. 2 1/4 in.....	3.50	30.00
TEMPLINI. Rose pink. R. C.....	4.00	35.00
2 1/4 in.	6.00	55.00
MIXED. 2 1/4 in.....	3.50	30.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



PHILODENDRONS

	100	1000
CORDATUM, 2 1/4 in.....	\$10.00	\$90.00
4-8 leaves	4.00	35.00
8-12 leaves	4.50	40.00
POTHOS, VARIEGATED, 2 1/4 in.....	10.00	90.00

PLUMBAGO CAPENSIS

	100
BLUE, 2 1/4 in.....	\$10.00
LARPENTAE. Royal Blue, 2 1/4 in.....	10.00
WHITE, 2 1/4 in.....	10.00

POINSETTIAS

Stock Plants

Prices F.O.B. Jersey City, Boston, Philadelphia, Chicago, provided order is placed before March 15th

CATHRYN REED (Patented) new variegated leaf. No. 1, \$75.00 per 100; No. 2, \$50.00 per 100; No. 3, \$25.00 per 100.

Standard Varieties

	Sizes:	No. 1	No. 2	No. 3	No. 4
	100	100	100	100	100
BARBARA ECKE	\$50.00	\$35.00	\$25.00	\$15.00	
HENRIETTE ECKE, IMPROVED.....	50.00	35.00	25.00	15.00	
HENRIETTE ECKE, DOUBLE.....	50.00	35.00	25.00	15.00	
MRS. PAUL ECKE.....	50.00	35.00	25.00	15.00	
OAKLEAF	50.00	35.00	25.00	15.00	
PINK	50.00	35.00	25.00	15.00	
RUTH ECKE (Patented).....	50.00	35.00	25.00	15.00	
ST. LOUIS	50.00	35.00	25.00	15.00	
TRUE RED	50.00	35.00	25.00	15.00	
WHITE	50.00	35.00	25.00	15.00	

Select Oversized Plants—\$60.00 per 100

Small, 1-year-old Plants—\$10.00 per 100

2 1/4-Inch Pot Plants

New Varieties

	100
CATHRYN REED (Patented). New variegated leaf. Bright red flower	\$15.00
CHRISTMAS STAR (Patented). Sturdy stem largely eliminates tying. Retains leaves longer.....	30.00

2 1/4-Inch Pot Plants

Standard Varieties

	100	1000
BARBARA ECKE	\$8.00	\$75.00
HOLLYWOOD	8.00	75.00
MRS. PAUL ECKE.....	10.00	90.00
OAKLEAF	8.00	75.00
PINK	8.00	75.00
RUTH ECKE	10.00	90.00
ST. LOUIS	8.00	75.00
WHITE	8.00	75.00

Delivery on 2 1/4 in. Pot Plants, July and later

POTHOS ARGYREA

	100	1000
SILVER SPOTTED PHILODENDRON, 2 1/4 in.....	\$15.00	\$140.00

PRIMULA CHINENSIS

DASLER. Double	HENRY BLUE	MORNING DAWN
DEFIANCE	LA DUCHESSE	SEDINA

PRIMULA OBCONICA

ALBA. White	MOHNSTEIN. Red
APPLE BLOSSOM. Pink	MUELLER. Red
COERULEA. Blue	MUELLER ROSEA
FASBENDER	SALMONEA
FRIESDORFER. Salmon	SALMON QUEEN
IDEAL	TCHORN. Red
KERMOSINA. Red	VIOLACEA. Blue

PRIMULA MALACOIDES

ALBA	ERIKSSONI	SALMON BEAUTY
ALTROSANGUINEA	KERMOSINA	WHITE
BABY ROSE	NEW BABY	WONDER BABY

Delivery June, July and August

All of the above 2 1/4 in.....\$6.00 per 100; \$55.00 per 1000

GRAFTED ROSE PLANTS

FOR GREENHOUSE FORCING

2 1/4-Inch Pots

STANDARD VARIETIES

BRIARCLIFF	MRS. FINCH
DOUBLE WHITE KILLARNEY	PETERS' BRIARCLIFF
GOLDEN CHARM	PINK BEAUTY
HAPPY DAYS	PINK DELIGHT
HOLLYWOOD	RAPTURE
JOANNA HILL	TALISMAN

25 for \$7.00

100 for 25.00

50 for \$13.00

1000 for 200.00

Patented Varieties—2 1/4-Inch Pots

	100	1000
BETTER TIMES	\$30.00	\$300.00
CHIEFTAIN	30.00	280.00
LESTRA HIBBERD	30.00	300.00
RMS QUEEN MARY.....	35.00	350.00
SOUVINER	30.00	250.00
YELLOW GLORIA	25.00	250.00
YELLOW JOANNA HILL.....	30.00	250.00

ROSES

Dormant Budded on Manetti

For Greenhouse Forcing

Delivery—December, January and February

BRIARCLIFF	RAPTURE	MRS. R. M. FINCH
JOANNA HILL	HOLLYWOOD	TALISMAN

100 1000

The above at.....\$17.50 \$140.00

BETTER TIMES (Patented)..... 25.00 225.00

Express prepaid.

We can bud roses to your order, most all varieties, providing you place order before August 15. They will be ready for shipment December, January and February.

ROSES

Florist's XXX Forcing Grade

POLYANTHA

BABY RAMBLER. Red.....	
BRILLIANT ECHO. Pink.....	
CAMEO. Shell pink and salmon.....	
CHATILLON ROSE. Light salmon.....	
DORIS RYKERS. Beautiful salmon.....	
EBLOUSSANT. Tiny deep red.....	
EDITH CAVELL. Scarlet red.....	
ELLEN POULSEN. Fragrant pink.....	
ERNE TESCHENDORF. Bright red.....	25 for \$7.50
GLORIA MUNDI. Orange scarlet.....	50 for 14.50
GOLDEN SALMON. Bright orange.....	100 for 27.50
GRETA KLUIS. Soft pink.....	1000 for 250.00
LA CARNO. Scarlet.....	
LADY READING. Vivid red.....	
LAFAYETTE. Cherry red.....	
MARIE PAVIE. White.....	
MME. NORBERT LEVAVASEUR. Red.....	
MRS. R. M. FINCH. Bright pink.....	
RED ECHO. Bright red.....	
SPARKLER. Sparkling red.....	
TRIOMPHE DE ORLEANS. Cherry red....	
VERDUN. Vivid carmine red.....	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



CLIMBING RAMBLER ROSES

XXX Grade for Forcing

AVIATOR BLERIOT	
CHAPLIN'S PINK CLIMBER.....	
CRIMSON RAMBLER. Crimson.....	
DOROTHY PERKINS. Rosy pink clusters..	
DR. VAN FLEET.....	
EMILY GRAY	25 for \$7.50
EUGENE JACQUET	50 for 14.50
EXCELSA. Scarlet crimson.....	100 for 27.50
MAD. G. STAECHELIN.....	1000 for 250.00
MARIE COUCHAULT. Clear red.....	
MARY LOVETT	
PAUL'S SCARLET. Blazing red.....	
ROSERIE. Velvety pink.....	
SILVER	
TAUSENDSCHON. Rose pink, white center.	

HYBRID PERPETUALS Strong No. 1 Grade

FRAU KARL DRUSCHKI. White.....	25 for \$7.50
GEORG ARENDS. Pink.....	50 for 14.50
HENRY NEVARD. American beauty red...	100 for 27.50
MME. ALBERT BARBIER. Yellow.....	1000 for 250.00
MAGNA CHARTA. Pink.....	
ULRICH BRUNNER. Cherry red.....	

ROSES — HYBRID TEAS

Field Grown, 2-Year Old

AUTUMN. Bronze red.....	
BETTY UPRICHARD. Salmon-pink to carmine.	
BRIARCLIFF. Deep rosy-pink.....	
DAME EDITH HELEN. Pure pink.....	
DOUBLE WHITE KILLARNEY. Snowy white..	
DUCHESS OF WELLINGTON. Pale buff.....	
DUCHESS OF LUXEMBOURG. Coral pink...	
EDITH NELLIE PERKINS. Copper rose.....	
E. G. HILL. Dazzling scarlet, huge size....	
ETOILE DE FRANCE. Dark velvety rose red.	
ETOILE DE HOLLANDE. Bright red.....	
GOLDEN DAWN. Sunflower yellow.....	
GOLDEN OPHELIA. Golden yellow.....	
GOLDEN RAPTURE. Golden yellow.....	
GRUSS AN TEPLITZ. Dark velvety scarlet...	
JOANNA HILL. Dark yellow.....	
KAISERIN AUGUSTA VICTORIA. Fine white.	
KILLARNEY. Bright pink.....	25 for \$7.50
KILLARNEY BRILLIANT. Brilliant pink.....	50 for 14.50
LA FRANCE. Silvery pink.....	100 for 27.50
LADY HILLINGDON. Deep apricot yellow...	1000 for 250.00
LADY ASHTOWN. Carmine pink.....	
MARGARET McGREDY. Orange scarlet.....	
McGREDY. Scarlet	
MISS ROWENA THOM. Pink.....	
MME. BUTTERFLY. Delicate pink.....	
MME. CAROLINE TESTOUT. Rose pink.....	
MME. EDOUARD HERRIOT	
MME. JULES BOUCHE. Pure white.....	
MRS. E. P. THOM. Yellow.....	
MRS. P. S. DUPONT. Golden yellow.....	
PRES. HERBERT HOOVER. Maroon,	
orange and gold.....	
RADIANCE. Fine pink.....	
RAPTURE. Pink, long-stemmed.....	
RED RADIANCE. Clear red.....	
REV. F. PAGE-ROBERTS. Golden yellow....	
SOUV. DE CLAUDIUS PERNET. Pure yellow..	
TALISMAN. Red and gold.....	

ROSA ROULETTI

BABY ROCK GARDEN ROSE. Double dark pink flowers; ever-blooming. Hardy in the North. Grows 8-12 in. tall. Out of 2½ in. pots. 25 plants, \$3.50; 50 plants, \$6.50; 100 plants, \$12.50.

RUBBER PLANTS

100 1000

MOSS ROOTED CUTTINGS. Ready to pot in 4- or 5 in. pots\$12.00 \$110.00
DOESCHERI, NEW VARIEGATED. Strong rooted layers ready from Fall till Sprng. Ready for 4 to 5 in. pots 18.00 165.00

SAINTPAULIAS

ADMIRAL	IONANTHA
AMETHYST	NORSEMAN
BLUE BOY	SAILOR BOY
BLUE BOY SUPREME	VIKING
All of the above, 2¼ in.....\$12.00 per C	
BLUE BOY, 3 in..... 30.00 per C	
IONANTHA, 3 in..... 18.00 per C	

SALVIA

100 1000

BONFIRE. R. C.....\$1.75 \$15.00
AMERICA. Dwarf, 2¼ in..... 4.00 35.00

SANSEVIERIAS

Prices constantly fluctuate.

1000

LAURENTI. 2 leaves, 5-10 in.....\$30.00
3-4 leaves, 10-20 in..... 55.00
2-3 leaves, 12-24 in..... 62.50
ROSETTE. 3 leaves up, 4-8 in..... 60.00
ZEYLANICA ROSETTES. 3 leaves up, 4-6 in..... 30.00
3 leaves up, 6-8 in..... 35.00
4 leaves up, 8-12 in..... 40.00
SUBSPICATA125.00

Send for SUCCULENT List

SANTOLINAS

100 1000

Rooted Cuttings\$2.50 \$20.00
2¼ in. pot plants..... 6.00 55.00

SMILAX

100

2¼ in. pot plants.....\$5.00

SNAPDRAGONS

AFTERGLOW	MILADY
CAPTOR	MISS WOOSTER
CEYLON COURT	RADIANCE
CEYLON COURT DARK	ROSE QUEEN
CHEVIOT MAID	SCHROCK'S ORCHID
CHEVIOT MAID SUPREME	SUN TAN
CINCINNATI	TERRY'S SURPRISE
COATES YELLOW PERFECTION	VELVET BEAUTY
DAYBREAK	WHITE CHEVIOT MAID
GLORIOUS	WHITE MARION
GOLDEN MARION	WHITE WONDER
LUCKY STRIKE	WINDMILLER'S CHEVIOT
MARIE LOUISE	MAID SUPREME

All of the above, 2¼ in., \$4.00 per 100, \$35.00 per 1000

DOUBLE PINK, 2¼ in.....25, \$3.50; 100, \$12.50

Delivery August and later

SPIREA CLUMPS

See page 20

STEVIA

R. C. 2¼ in.
100 1000 100 1000

SINGLE\$2.50 \$20.00
DOUBLE 2.50 20.00 4.50 40.00
HALF DWARF 2.50 20.00 4.50 40.00
VARIEGATED 2.50 20.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



SUCCULENTS

Send for complete list with descriptions and prices

SWAINSONIA

	100	1000
GALEGIFOLIA ALBA. R. C.....	\$2.50	\$22.50
2 1/4 in.	8.00	75.00
3 in.	12.00	110.00

Delivery October and later

TOLMIEA MENZIESII

"Pick A Back" Plant

An unusual foliage plant for hanging baskets or house plants; also good ground cover outside as it is hardy. Young plants form on every leaf giving the Pick A Back effect. Very attractive. Rooted plants (make 5 in. plants in 4 months).25 \$4.00, 100 \$12.00

TRADESCANTIA

(Wandering Jew)

	100	1000
TRICOLOR RED. R. C.....	\$1.50	\$12.50
WHITE AND GREEN. R. C.....	1.50	12.50
PLAIN GREEN. R. C.....	1.50	12.50

VERBENAS

BEAUTY OF OXFORD. Cerise	PRIDE
BEAUTY OF OXFORD. Lavender	PURPLE PRINCE. Solid purple, no eye
BEAUTY OF OXFORD. Pink	ROYAL PURPLE. Purple with eye
BEAUTY OF OXFORD. Scarlet	COMET. Solid crimson red
HELEN WILLMOTT IMP. Salmon	SCARLET KING. Bright red
LAVENDER GLORY	SCHLOSSER'S ROSE ORCHID
MAYFLOWER. Light pink	WHITE. Pure white
All of the above R. C.....	100 1000
2 1/4 in.	\$2.50 \$20.00
	5.50 50.00

VINCAS

Well variegated.	100 1000
Rooted Cuttings	\$1.75 \$15.00
Rooted Layers	2.00 17.50
2 1/4 in. pot plants.....	6.00 55.00
Field Clumps	7.00 60.00

VIOLETS

DOUBLE RUSSIAN, 2 in.....	100 1000
	\$12.00 \$100.00

VITIS RHOMBIFOLIA

See IVY—Page 10

SEEDLINGS AND TRANSPLANTS

Delivery—January and Later

TRANSPLANTS, unless otherwise noted: \$1.50 per 100, \$12.00 per 1000

	Seedlings	
	100	1000
AGERATUM, Dwarf Blue Cap.....	\$0.75	\$6.00
Pink Fairy .....	.75	6.00
ALYSSUM, Dwarf Gem.....	.60	4.50
AMARANTHUS (Joseph's Coat).....	.85	6.00
ASPARAGUS plumosus (Seedlings only).....	1.35	12.00
Sprenger (Seedlings only).....	1.35	12.00
ASTERS, WILT-RESISTANT: Queen of the Market.....	.85	6.00
Royal .....	.85	6.00
Ball's Late Branching.....	.85	6.00
Golden Sheaf (Finest of all yellow Asters).....	.85	6.00
BEGONIA, Prima Donna Transplants only).....	1.35	12.00
Luminosa (Transplants only).....	1.35	12.00
Carmen (Transplants only).....	1.35	12.00
Indiana Maid (Transplants only).....	1.35	12.00
CALENDULA, Sensation .....	.85	6.00
Ball's Gold and Orange.....	.85	6.00
CANDYTUFT, Empress Giant.....	.85	6.00
CELOSIA childsi .....	.85	6.00
CHRISTMAS PEPPERS (Seedlings only).....	.85	6.00
CLEVELAND CHERRIES (Seedlings only).....	.85	6.00
COBAEA scandons (Seedlings only).....	1.00	8.00
CORNFLOWER, Double Blue Seedlings.....	.85	6.00
COSMOS, Pinkie. Giant new early (Seedlings only)....	1.35	12.00
DIDISCUS (Blue Laceflower) (Seedlings only).....	.85	6.00
DRACAENA indivisa .....	.85	6.00
DUSTY-MILLER (Gymnocarpa) .....	.85	6.00
FEVERFEW, Ball's Double White (Transplants).....	1.35	12.00
GERBERA, Diener's Giant Hybrid. Seedlings.....	1.35	12.00
Transplanted	1.75	15.00
GOMPHRENA, Dwarf Red. Fine for a border.....	.85	6.00
LARKSPUR, Double Pink.....	.85	6.00
Double Blue .....	.85	6.00
Double White .....	.85	6.00
LOBELIA, Mrs. Clibran. Best for pots.....	.75	6.00
LUPINUS Hartwegi, Giant Pink.....	.85	6.00
Hartwegi, Giant White.....	.85	6.00
Hartwegi, Giant Blue.....	.85	6.00
Fine for cut flowers (no transplants).		
MARIGOLDS (For Potting): Harmony, Double Gold....		
Legion of Honor, Double Orange.....		
Guinea Gold, Royal Scot.....	.85	6.00

	Seedlings	
	100	1000
PETUNIAS, All-Double Victorious and World Beauty....	2.00	15.00
Transplants	2.50	20.00
Diener's Double Giant Fringed.....	1.75	15.00
Transplants	2.00	18.00
Dwarf California Giant		
White Beauty	Ball's Dwarf Fringed	Setting Sun
Velvet Ball	Martha Washington	Sunrise
All of above.....	1.35	12.00
Transplants	2.00	18.00
Rosy Morn	Celestial Rose	Balcony Blue
Rose of Heaven	Black Prince	Snowball
	Heavenly Blue	
All of above.....	.75	6.00
Transplants	1.35	12.00
PHLOX drummondii .....	.85	6.00
Cecily .....	.85	6.00
SALVIA, America .....	.75	6.00
Bonfire .....	.75	6.00
SALPIGLOSSIS .....	.85	6.00
SCABIOSA .....	.85	6.00
SNAPDRAGONS, Supreme, Afterglow Rose Queen		
Lucky Strike	Terry's Surprise	
Coates Yellow	Bertha Baur	
All of above.....	1.00	8.00
STATICE suworowi. Transplanted only.....	1.35	10.00
STOCKS, Ball's Column, Silver Lavender, Lilac, Chamois		
Pink, White	1.00	8.00
Giant Bismarck, Lavender, Pink, Yellow, White.....	.85	6.00
THUNBERGIA (Black-eyed-susan). Seedlings only.....	1.00	8.50
TORENIA fournieri .....	.85	6.00
VERBENAS.		
Beauty of Oxford	Floraldale	Fireball
Lavender Beauty	Donnebrog	Giant Mixed
All of above.....	.85	6.00
VINCAS rosea .....	.85	6.00
Alba .....	.85	6.00
ZINNIA, Giant Dahlia-flowerng: Crimson Monarch....	.85	6.00
Exquisite .....	.85	6.00
Golden Dawn .....	.85	6.00
Lilliput .....	.85	6.00
Fantasy .....	.85	6.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



PERENNIALS—Outstanding Cut Flower Varieties

F. G. signifies Field Grown Plants

	25	100
ACHILLEA, PERRY'S WHITE. Field grown.	\$2.00	\$6.00
ACHILLEA, THE PEARL. Field grown.	2.00	6.00
ANEMONE JAPONICA ALICE		
ANEMONE JAPONICA ALBA		
ANEMONE HUPHENSIS (Japonica)		
ANEMONE QUEEN CHARLOTTE (Jap.)		
ANEMONE RUBRA (Japonica)		
ANEMONE JAP. SEPTEMBER QUEEN		
ANEMONE JAP. SEPTEMBER CHARM		
ANEMONE JAPONICA WHIRLWIND		
All of the above, 2½ in.	3.00	10.00
All of the above, Field Grown.	3.00	10.00
ANTHEMIS SANCTA JOHANNIS. F. G.	4.50	15.00
AQUILEGIA BEE'S HYBRIDS. F. G.	3.00	10.00
AQUILEGIA MRS. SCOTT ELLIOTT. F. G.	3.00	10.00
AQUILEGIA ROSE QUEEN L. S. F. G.	3.00	10.00
ARMERIA BEE'S RUBY, 2½ in.	3.00	10.00

June flower beds offer nothing more striking. This America grows to a height of 18 to 24 in. On the tip of each stem are produced bright red flowers about 2 in. in diameter. In addition to garden value, the flowers are also very attractive in floral designs.

ARMERIA, GLORY OF HOLLAND. F. G.	3.00	10.00
While Bee's Ruby is bright red, this variety is a good clear pink, making an ideal companion for the preceding. Flowers are about the same size. For vases or floral baskets these two varieties are very valuable. We recommend that you make a planting of both.		

ARMERIA CEPHALOTES RUBRA. F. G.	3.00	10.00
ARMERIA, LARGE FLOWERING NEW HYBRIDS. F. G.	3.00	10.00
ARTEMESIA LACTIFLORA. F. G.	2.50	7.00
ARTEMESIA SILVER KING. F. G.	2.50	7.00
ASTER FRIKARTI, 2½ in.	4.50	15.00

(Wonder of Stafu). Lavender-blue flowers from 2 to 2½ in. across, bloom from June 1st until the middle of November. Does exceedingly well in light shade and comes to perfection in full sun. A constant rich display of flowers is kept up the entire Summer. Flowers are excellent for cutting.

ASTER, STAR OF WARTBURG. F. G.	3.00	10.00
In a planting of perennials, this Aster stands out by itself. In May and June it produces large lilac blue flowers with a striking orange center on 12 to 14 in. stems. Very valuable for cutting and wonderful keepers. Just recently it has been tried cut for forcing and has proved to be a real profit provider during the Winter months. For forcing purposes we will ship from December 1st on frost cured clumps ready for benching.		

BUDDLEIA PINK CHARMING. F. G.	4.50	15.00
2¼ in.	3.50	12.00
New lavender-pink. Makes beautiful, bushy plant. Height 5 to 6 ft. and about same spread. Flowers large and make a solid round head opening full length. Blends beautifully with light blue Delphiniums or practically all seasonable flowers. Entirely different from any other varieties.		

BUDDLEIA DUBONNET. F. G.	8.00	30.00
2¼ in.	4.50	15.00

	25	100
BUDDLEIA HARTWEGI. F. G.	4.50	15.00
2¼ in.	3.00	10.00

The large, bright lavender panicles have remarkable substance and harmonize in arrangement with other Summer flowers. The flowers do not "sunburn." The tip flowers on the panicle open before the basal flowers have faded. The individual flowers are closely spaced on the panicles, imparting a compact and pleasing appearance. The foliage is very heavy and is rich dark green.

BUDDLEIA ILE DE FRANCE. F. G.	4.50	15.00
2¼ in.	3.00	10.00

This is still the deepest colored, worth-while Buddleia. For brilliance of color, grace of its flower spikes and uniform habit of growth, this Buddleia is still one of the most popular. The plants develop into well branched, symmetrical bushes 3-4 ft. high; the individual flower spikes often measure 10 in. in length; color is a brilliant, rosy purple with a violet suffusion. Their fragrance adds another feature to their beauty.

CAMPANULA MEDIAS (Canterbury Bells). F. G.	2.00	6.00
CAMPANULA CALYCANthemA (Cup & Saucer). F. G.	2.00	6.00
CARNATION IMPROVED CRIMSON KING, 2 in.	3.00	10.00

CHRYsanthemums—HARDY

Latest Introductions

BURGUNDY	PALE MOON
CYDONIA	PYGMY GOLD
EMBER	ROMANY
LAVENDER LADY	ROSE GLOW
MANDARIN	SUNNY BOY
2 in. pot plants of above at.	4.50 15.00
SEQUOIA, Amber	ELEGANCE. Violet rose
INTENSITY. Crimson Scarlet	THE CHIEF. Scarlet and gold
MRS. SAM P. ROTAN. Yellow	AGLOW. Bright orange
RAPTURE. Deep orange	LOVELIGHT. Pale pink
SENSATION. Yellow	

	25	100
Well established 2 in. pot plants. All of the above at	2.50	8.00

CHRYsanthemums—Hardy, Early, Korean Varieties

FORTUNA. Ox-blood	NYSA. Rosy lilac
HESTIA. Rose pink	SAPPHO. Yellow
JUNO. Copper red	ASTRID. Shell pink
VESTA. Golden orange	LOUISE SCHLING. Salmon red
NIobe. White	
2 in. pot plants of above.	2.50 8.00

CHRYsanthemums—Popular Cushion Varieties

BRONZE CUSHION	PINK CUSHION
WHITE CUSHION	YELLOW CUSHION
2 in. pot plants of above.	2.50 8.00
COREOPSIS NEW DOUBLE SUNBURST. F. G.	3.00 10.00
SHASTA DAISY MARTIN'S EARLY MEMORIAL. F. G.	3.00 10.00
DAISY DOUBLE WHITE SWAN. F. G.	3.50 12.00

Pure white, double flowers on strong, wiry stems, 24 to 30 in. in length; in bloom for Memorial Day. It is unquestionably the best double variety for florists cut flower purposes in existence today. For best results we recommend early Spring planting.

EARLY ELDER DAISY. F. G.	2.50	7.00
SHASTA DAISY ALASKA. F. G.	2.00	6.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



PERENNIALS—Continued

	25	100		25	100
DELPHINIUM BELLADONNA.					
1 year forcing, F. G.....	2.50	7.00			
2 year forcing, F. G.....	3.00	10.00			
The most continuous blooming of all, never being out of bloom from June 1st until cut down by hard frost. The clear turquoise blue of its flowers is not equaled for delicacy and beauty by any other flowers.					
DELPHINIUM BLACKMORE & LANGDON HYBRIDS.					
1 year forcing, F. G.....	3.00	10.00			
2 year forcing, F. G.....	4.50	15.00			
Still considered the leading strain of Hybrids by critical growers. Provides a range of colors well divided in the pale shades of indigo with a strong run of the most delicate shades of rose, double and single.					
DELPHINIUM, MARTIN'S SUPERB WREXHAM.					
1 year forcing, F. G.....	3.00	10.00			
2 year forcing, F. G.....	4.50	15.00			
DELPHINIUM, PACIFIC HYBRIDS. 2 in. pots.....	3.00	10.00			
DIGITALIS GLOXINEAFLOA ALBA. F. G.....	2.50	7.00	LIATRIS SPICATA. F. G.....	2.50	7.00
DIGITALIS GLOXINEAFLOA PURPUREA. F. G.....	2.50	7.00	Purple flowers are produced on spikes 12 to 15 in. long. Flowers about three weeks earlier than Pycnostachya. Height 2 to 3 ft.		
DIGITALIS GLOXINEAFLOA ROSEA. F. G.....	2.50	7.00	LIATRIS PYCNOSTACHYA. F. G.....	2.50	7.00
ERIGERON SPECIOSUS HYBRID GRANDIFLORA. F. G. .	2.50	7.00	LUPINUS POLYPHYLLUS BLUE, ROSE WHITE. F. G....	3.00	10.00
EUPATORIUM COELESTINUM. F. G.....	2.50	7.00	PACHYSANDRA TERMINALIS, 2½ in. pots.....	2.50	8.00
EUPHORBIA COROLLATA. F. G.....	3.00	10.00	PENSTEMON BARBATUS TORREYI. F. G.....	2.50	7.00
HARDY FUCHSIA LONGIPEDUNCULATA, 2½ in. pots..	4.50	15.00	PEONIES. Good strong 3/5 eye divisions		
HARDY FUCHSIA MAGELLANICA, 2½ in. pots.....	4.50	15.00	BARONESS SCHROEDER	5.00	16.00
HARDY FUCHSIA PROFUSION, 2½ in. pots.....	4.50	15.00	Rose type, late white, shading flesh.		
GAILLARDIA GRANDIFLORA. F. G.....	2.25	7.00	FELIX CROUSSE	4.50	15.00
GAILLARDIA, GOLDEN GODDESS, 2 in. pots.....	3.50	12.00	Large, brilliant red. Late midseason.		
GAILLARDIA, SUN GOD IMPROVED, 2 in. pots.....	3.50	12.00	MONS JULES ELIE.....	5.00	16.00
GAILLARDIA RUBY, 2 in. pots.....	2.50	7.00	Ideal glossy lilac-pink shading to a deeper rose at the base. Bomb type, midseason.		
F. G.	3.00	10.00	PRES. ROOSEVELT	5.00	18.00
GAILLARDIA MAGNIFICENT, 2 in. pots.....	2.50	7.00	Semi-rose type, midseason, rich brilliant red.		
F. G.	3.00	10.00	SARAH BERNHARDT	6.00	20.00
GAILLARDIA, MR. SHERBROOK, 2 in. pots.....	2.50	7.00	Apple blossom pink, petals silver-tipped. Semi-rose type; midseason.		
F. G.	3.00	10.00	PHYSOSTEGIA, VIVID (Tall Type). F. G.....	3.00	10.00
GYPHOPHILA REPENS BODGERI, 2 in. pots.....	2.50	8.00	Similar in color to the well known Grandiflora Vivid. Due to its longer stems this variety can be used in larger floral arrangements, the violet mauve color blending in well with other flowers. This is really a worth-while Physostegia. It is very valuable also from the standpoint of continuously flowering for a long period.		
F. G.	3.50	12.00	HARDY PRIMROSES, 2½ in. pots.		
This plant is enjoying popularity. Since it is an ever-bloomer, it is possible to cut flowers with 8 to 12 in. stems throughout the entire Summer, very often when other Gypsophilas are off crop. Bodgeri is also a very pretty little border plant, producing double white flowers which later turn to shell pink.					
GYPHOPHILA, BRISTOL FAIRY, 3 in. pots.....	4.00	12.50	CASHMERIANA	3.00	10.00
F. G.	5.00	17.50	DENTICULATA	3.00	10.00
Our plants are grafted during the Summer months, established in 2 in. pots, rested in coldframes and shifted to 3 in. pots the first part of January. They will be in excellent condition for shipments for outdoor planting from the first of April on. The above methods of handling assure you of receiving a superior type of Gypsophila Bristol Fairy.					
GYPHOPHILA, DOUBLE COLORADO TYPE, 2 in. pots..	4.50	15.00	JAPONICA	3.00	10.00
F. G.	6.00	20.00	OFFICINALIS	3.00	10.00
GYPHOPHILA, ROSY VEIL, 2 in. pots.....	2.50	8.00	POLYANTHUS, GIANT HYBRIDS	4.50	15.00
F. G.	3.50	12.00	POLYANTHUS, GIANT YELLOW	4.50	15.00
A novelty of European introduction similar in habit to Bodgeri, but with flowers of a somewhat more pronounced pink color.					
HELIOPSIS, DOUBLE LEMOINE. F. G.....	3.00	10.00	POLYANTHUS, GIANT SCARLET	4.50	15.00
HEUCHERA BRIZOIDES. F. G.....	4.50	15.00	POLYANTHUS, GIANT GOLD LACED	4.50	15.00
HEUCHERA, PLUIE DE FEU. F. G.....	4.50	15.00	VULGARIS	3.00	10.00
HEUCHERA, SANGUINEA, 2½ in. pots.....	3.00	10.00	PYRETHRUMS, 2½ in. pots.		
HELIOPSIS INCOMPARABILIS, 2½ in. pots.....	4.50	15.00	BUCKEYE	4.50	15.00
GEUM FIRE OPAL, 2¼ in. pots.....	3.00	10.00	DOUBLE VICTORY	4.50	15.00
GEUM, PRINCESS JULIANA, 2¼ in. pots.....	4.50	15.00	HUNTINGTON'S SCARLET	4.50	15.00
			MIAMI QUEEN	4.50	15.00
			PRINCESS MARGARET	4.50	15.00
			ROBINSON'S DARK CRIMSON.....	4.50	15.00
			ROSE GLORY	4.50	15.00
			TROJAN	4.50	15.00
			STATICE LATIFOLIA. F. G.....	2.50	7.00
			TRITOMA PITZERII. F. G.....	3.00	10.00
			3 in. pots.....	3.00	10.00
			TRITOMA, TOWER OF GOLD. F. G.....	4.50	15.00
			3 in. pots.....	4.50	15.00
			PRIMULA POLYANTHUS, GIANT WHITE. 2½ in. pots..	4.50	15.00
			VIOLET, DOUBLE RUSSIAN, 2¼ in. pots.....	3.00	10.00
			PRINCESS OF WALES. F. G.....	3.00	10.00
			ROSINA. F. G.....	3.00	10.00
			WELLSIANA. F. G.....	3.00	10.00
			SINGLE RUSSIAN. F. G.....	2.50	7.00
			VERBENA CANADENSIS, LAVENDER, 2 in. pots.....	4.50	15.00
			VERBENA VENOSA, 2 in. pots.....	2.50	7.00
			VERBENAS NEW INTRODUCTIONS, 2 in. pots.		
			ATTRACTION	4.50	15.00
			CHAMAEDRYOIDES BRILLIANT	4.50	15.00
			CANADENSIS PINK	4.50	15.00
			VERONICA BLUE SPIRE, 2 in. pots.....	3.00	10.00
			VIOLA, GIANT JERSEY GEM, 2 in. pots.....	3.00	10.00
			LAVENDER GLORY, 2 in. pots.....	3.00	10.00
			PURPLE GLORY, 2 in. pots.....	3.00	10.00
			VIOLET, FREY'S FRAGRANT. F. G.....	3.00	10.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



BULBS

BEGONIAS

Tuberous-Rooted—Extra Choice Strain

Delivery—January to Spring

SINGLE—Separate Colors: Scarlet, Pink, Rose, Crimson, Yellow, Orange, Salmon, White, Apricot—and all colors mixed.

DOUBLE—Camellia Type: Crimson, Scarlet, Yellow, Salmon, Pink, White, Apricot—and all colors mixed.

	100	1000
Price both varieties: 1½ in.	\$4.00	\$35.00
1½-2 in.	5.00	45.00
2 in.-up	6.50	55.00

FANCY LEAF CALADIUMS

For Spring Flowering; Delivery—January and Later

For Christmas pot plants: Orders must be placed prior to April 15 for delivery about October 15.

ACARY. Grayish green center, dark green background.

ACE OF HEARTS. Deep rose center with heavy scarlet ribs and green border.

ANNABELLE. Dark green with red center.

ATALLA. Medium green overlaid with blotches of light pink.

GANDIDUM. Snow white with green veins; fine Easter variety.

CRIMSON WAVE. Deep green, crinkled transparent crimson center.

DAISY. Dark red ribs, center edged old gold.

DR. M. COOK. Dark moss green, plum red center

FIREBRAND. Light green, bright cherry-red center.

GERTRUDE HOLLICK. Light pink with narrow green edge.

HERALEN. Bright green, heavy scarlet ribs and spots.

HORTILANIA. Shining crimson with bluish tints.

IMPATIENT. Shell pink center, pea green edge.

ITACAPUS. Dark red, narrow border with red dottings.

JOHN PEED. Red center, moss green ground.

KEYSTONE. Olive green leaf with pink ribs.

LAVENDER QUEEN. Pointed leaf, moss green, and lavender center.

LORD DERBY. Transparent rose, dark green ribs.

MACAHYBA. Dark green spotted lilac, scarlet ribs.

MME. JULES PICOT. Dark green, bright rose shadings.

MME. TRUALL. Dwarf, shining red, bronzy hues.

MANDAGO. Veins cardinal-red; white and green blotches.

MARIE MOIR. Pure white leaf with red blotches.

MARY QUEEN OF SCOTS. Mottled dark green with maroon ribs.

MRS. ARNO H. NEHRLING. Dwarf bronzy red, shaded coppery red.

MRS. EDITH E. MEAD. Snow white leaf, red ribs.

MRS. FANNIE MUNSON. Deep carmine, scarlet ribs and green edge.

MRS. SANDERS. Dark green leaf, heavily blotched rose.

MRS. W. B. HALDEMAN. Bright pink with narrow green edge.

POECILE ANGLAIS. Dwarf, deep crimson bordered green.

PUTOMAYO. Green leaf, flecked crimson center.

RED FLARE. Yellowish leaf blotched with two shades of green.

RICHARD DECKARD. Coppery rose, pink blotches.

RIO DE JANEIRO. Bright rose-pink, narrow green edge.

RIISING SUN. Brilliant red center, gold-tinted background.

SAQUAREMA. Light and dark green, lilac and pink blotches.

SCARLET PIMPERNELLE. Yellowish leaf, large scarlet center, void of ribs.

SOROCABA. Silvery pink, suffused white.

SPANGLED BANNER. Glowing red, darker ribs with pink spots.

THOMAS TOMLINSON. Crimson center and blotches, narrow green edge.

TRIOMPHE DE L'EXPOSITION. Roundish leaf of bright red, green edge.

	100	1000
SEPARATE NAMED VARIETIES, 1½-2½ in.	\$13.00	\$110.00
NAMED VARIETIES MIXED, 1½-2½ in.	11.00	100.00

BLEEDING HEART ROOTS

Delivery—December and Later

	100
3 to 5 eyes.	\$22.50

CALADIUM ESCULENTUM

(Elephants-ear)

Delivery—January to Spring

	100	1000		100	1000
5-7 in.	\$2.75	\$22.00	11-13 in.	\$12.00	\$115.00
7-9 in.	3.50	30.00	13-15 in.	17.00	165.00
9-11 in.	6.00	55.00			

CANNAS

Strong Roots—2- to 3-Eyes

Delivery—January to Spring

Green Foliage—Pink Shades

	100	1000
APRICOT. 4 ft. Buff yellow.	\$3.00	\$25.00
CITY OF PORTLAND. 5 ft. Rosy pink.	4.00	35.00
EUREKA. 4 ft. Best white.	4.00	35.00
GOLDEN GATE. 4 ft. Gold to orange crimson.	3.00	25.00
HUNGARIA. 3½ ft. Pure LaFrance pink with satiny sheen.	4.00	35.00
KARL MERCK. 4 ft. Yellow with orange tinge.	4.00	35.00
MRS. ALFRED F. CONARD. 4 ft. Salmon pink.	4.00	35.00
OSTRICH. 4 ft. Fine white.	4.00	35.00
RICHARD WALLACE. 4 ft. Canary yellow.	3.50	30.00
ROSEA GIGANTEA. 3½ ft. Rich soft rose pink.	4.00	35.00
YELLOW KING HUMBERT. 4 ft. Yellow blotched red.	3.50	30.00

Green Foliage—Red Shades

ALLEMANIA. 5 ft. Orchid, yellow border.	\$3.00	\$25.00
CHARLES HENDERSON. 4 ft. Crimson scarlet.	3.00	25.00
CRIMSON BEDDER. 3½ ft. Crimson.	3.00	25.00
FIRE BIRD. 4 ft. Deep red.	3.00	25.00
KATY GREY. 4 ft. Dark red.	3.00	25.00
MME. CROZY. 3½ ft. Vermilion, scarlet-yellow eye.	3.00	25.00
ORANGE BEDDER. 4 ft. Bright orange.	3.00	25.00
PENNSYLVANIA. 6 ft. Large orchid-flowered scarlet.	3.00	25.00
THE PRESIDENT. 4 ft. Rich scarlet.	3.50	30.00
WINTZER'S COLOSSAL. 5 ft. Vivid scarlet.	3.00	25.00

Bronze Foliage

AMBASSADOR. 4 ft. Brilliant red.	\$4.00	\$35.00
KING HUMBERT. 4 ft. Orange scarlet, rose tinted.	3.50	30.00
STATUE OF LIBERTY. 4 ft. Orchid orange.	3.50	30.00

Purple Foliage

WYOMING. 5 ft. Orange.	\$3.00	\$25.00
-----------------------------	--------	---------

Ruby Red Foliage

SHENANDOAH. 4 ft. Salmon-pink.	\$3.00	\$25.00
-------------------------------------	--------	---------

DAHLIAS

Popular Varieties

LARGE FLOWERING—Each root has one to three eyes

	ROOTS
	25 100
AMELIA EARHART, ID. Apricot and Salmon.	\$6.75 \$25.00
AVALON, FD. Deep yellow.	1.75 5.00
JANE COWL, ID. Bronze, apricot and gold.	1.75 5.00
JEAN KERR, FD. Small pure white.	1.50 4.00
JERSEY'S BEACON, FD. Chinese red.	1.75 5.00
JERSEY'S BEAUTY, FD. Pink.	1.50 4.00
KENTUCKY, FD. Pink and gold.	1.75 5.00
KISS ME, ID. Small red and white bi-color.	1.75 5.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DAHLIAS—Continued

Large Flowering

	ROOTS	
	25	100
MRS. I. DE VER WARNER, FD. Rose pink.....	1.50	4.00
OMAR KHAYAM, FD. Orange and red.....	1.75	5.00
ROBERT E. LEE, ID. Scarlet.....	3.00	10.00
SAGAMORE, FD. Golden Yellow.....	1.75	5.00
SATAN, SC. Large scarlet.....	4.25	15.00
WHITE KING, FD. Pure white.....	1.75	5.00
WHITE WONDER, ID. Large white.....	2.25	7.00
YELLOW JANE COWL, ID. Rich yellow.....	2.00	6.00

Singles

CARDINAL, D-2 in. Rich red, yellow center.....	5.50	20.00
FAIRY, D-2½ in. Carmine rose, white center.....	5.50	20.00
GOLDEN WONDER, M-4 in. Yellow shaded rose.....	4.25	15.00
LADY BOUNTIFUL, D-2 in. Pink, rose center.....	5.50	20.00
MARSHALL'S GLORIA, T-3 in. White and wine.....	5.50	20.00
PURITY, T-4 in. Purest white.....	5.50	20.00
SCARLET BEAUTY, D-2½ in. Rich scarlet.....	5.50	20.00
WHITE SWAN, M-2 in. Pure white.....	2.00	6.00
YELLOW QUEEN, T-3½ in. Clear yellow.....	4.25	15.00

Minatures

BISHOP OF LLANDAFF, M Dup. Scarlet.....	4.25	15.00
COUNTESS OF LONSDALE, MC. Pink.....	3.50	12.00
GOOD LUCK, MID. Golden Bronze.....	3.50	12.00
KENTUCKY BABE, MFD. Salmon and rose.....	5.50	20.00
KISS ME, MID. Red and white bi-color.....	1.75	5.00
PERSIMMON, MFD. Burnt orange.....	2.50	8.00
RED SEA, MID. Fiery scarlet.....	3.50	12.00
RHODA, MP. Golden yellow.....	2.50	8.00
RUBIO, MFD. American beauty color.....	3.50	12.00
SNOWDRIFT, MC. Pure white.....	3.50	12.00
WHITE CLOUD, MFD. White.....	3.00	10.00

Pompons

AIMIE. A very small light bronze.....	2.00	6.00
ANNA CHRISTINA. Deep golden yellow.....	2.50	8.00
BETTY STONE. Rich crimson.....	2.50	8.00
CARDINAL. Brilliant cardinal red.....	1.75	5.00
CATHERINE. Rich deep yellow.....	1.75	5.00
EDITH MUELLER. Rose-red and gold.....	1.75	5.00
GUIDING STAR. Pure white.....	2.00	6.00
LITTLE DAVID. Perfect burnt orange.....	2.00	6.00
LITTLE EDITH. Yellow edged carmine.....	2.50	8.00
MARY MUNNS. Fuchsia or deep orchid.....	2.25	7.00
SNOWCLAD. Pure white.....	1.75	5.00
TAKA'S PURPLE. Reddish purple.....	2.50	8.00
YELLOW GEM. The standard yellow.....	2.00	6.00

Ball

A. D. LAVONI. Small shell pink.....	1.75	5.00
MARY HELEN. Perfect deep yellow.....	2.00	6.00
MAUD ADAMS. White suffused pink.....	1.75	5.00
MRS. C. D. ANDERSON. Rosy magenta.....	2.50	8.00
SHIRLEY TEMPLE. Lemon yellow.....	4.25	15.00
TAMERLANE. Fiery scarlet.....	6.75	25.00

Abbreviations above are as follows:

ID.—Informal Decorative.

FD.—Formal Decorative.

C.—Cactus type.

T.—Tall.

M.—Medium.

D.—Dwarf.

Figures after letter indicate size of bloom.

Send for our complete list of new and standard varieties.

GLADIOLUS

To-na-cide Treated

Growing Gladiolus under Glass—Best results are obtained by planting not earlier than February 1 to 15, and the No. 1, first-size bulbs should be used. The bulbs are dug in late Fall and require a rest period until about February 1. By planting too early they are liable to become blind. Average time for blooming is three to four months after planting. Cultural directions on request.

VARIETY.	No. 1		No. 2		No. 3	
	100	1000	100	1000	100	1000
ALAYNE. Clear rose.....	\$3.20	\$27.00	\$2.65	\$21.50	\$2.25	\$17.50
*ALBATROSS. Tall clear white	2.00	15.00	1.75	12.50	1.25	8.25
AVE MARIA. Light blue, good	2.00	15.00	1.75	12.50	1.25	8.25
BAGDAD. Large smoky old rose	2.00	15.00	1.75	12.50	1.25	8.25
BEACON. Salmon scarlet-cream throat	6.50	55.00	5.50	50.00	4.75	42.00
BELLA DONNA. Early, light blue	2.30	18.00	1.85	13.50	1.60	11.00
BERTY SNOW. Lavender pink	1.55	10.50	1.25	8.25	1.00	6.25
BETTY NUTHALL. Salmon, tall, late	1.55	10.50	1.25	8.25	1.00	6.25
BILL SOWDEN. Deep red, showy	1.85	13.50	1.60	11.00	1.25	8.25
BLEEDING HEART. Cream white, red blotch.....	1.75	12.50	1.45	9.50	1.15	7.50
*BLUE ADMIRAL. Good dark blue	2.40	19.00	2.15	16.50	1.70	12.25
*BONNEVILLE. Dark rose, tall, strong	2.50	20.00	2.15	16.50	1.70	12.25
CARMEN SYLVA. White, early	1.60	11.00	1.25	8.25	1.00	6.25
CHARLES DICKENS. Purple, tall	1.85	13.50	1.60	11.00	1.25	8.25
†CEASAR. Light red, recommended	2.45	19.50	2.00	15.00	1.70	12.00
COM. KOEHL. Dark red.....	2.15	16.50	1.75	12.50	1.45	9.50
*DEBONAIR. Pink, tall, good cutflower	1.65	11.50	1.45	9.50	1.10	6.75
*DR. F. E. BENNETT. Scarlet, good	1.70	12.00	1.55	10.50	1.10	6.75
DREAM O' BEAUTY. Old rose	2.40	19.00	2.00	15.00	1.60	11.00
DR. MOODY. Lavender, early	1.75	12.50	1.45	9.50	1.10	6.75
DUNA. Pinky buff.....	1.65	11.50	1.45	9.50	1.10	6.75
*EARLY DAWN. Very early pink, good	1.80	13.00	1.55	10.50	1.25	8.25
EARLY PEACH. Early, peach rose	2.40	19.00	2.00	15.00	1.60	11.00
EDITH ROBSON. Salmon with dark blotch	1.85	13.50	1.60	11.00	1.25	8.25
EXCELLENCE. Earliest light red	1.60	11.00	1.30	8.25	1.00	6.25
F. J. MCCOY. Tall, dark pink	2.00	15.00	1.75	12.50	1.25	8.25
*GATE OF HEAVEN. Canary yellow	2.40	19.00	2.00	15.00	1.60	11.00
GIANT NYMPH. Tall, light pink	1.55	10.50	1.25	7.50	1.10	6.25
GLORIANA. Salmon pink, tall	1.45	9.50	1.10	6.75	.95	5.50
GOLDEN CHIMES. Clear golden yellow	3.20	27.00	2.75	22.50	2.40	19.00
*GOLDEN CUP. Dark yellow, recommended	1.85	13.50	1.55	10.50	1.35	9.00
GOLDEN DREAM. Canary yellow	1.55	10.50	1.25	8.25	1.10	6.25
GOLD EAGLE. Early, clear yellow	1.55	10.50	1.25	8.25	1.10	6.25
†JOHN S. BACH. Excellent early scarlet	3.70	32.00	3.20	27.00	2.70	22.00
KASSEL. Dark red, tall.....	2.50	20.00	2.15	16.50	1.75	12.50
KING ARTHUR. Mauve, ruffled	2.00	15.00	1.75	12.50	1.25	8.25
LOS ANGELES. Pink.....	1.55	10.50	1.25	8.25	1.10	6.25
*MAID OF ORLEANS. Stand-ard white	1.85	13.50	1.60	11.00	1.25	8.25
MAMMOTH WHITE. Large white	1.85	13.50	1.60	11.00	1.25	8.25
*MARGARET FULTON. Rose salmon, extra	2.00	15.00	1.75	12.50	1.35	9.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



GLADIOLUS—Continued

	No. 1		No. 2		No. 3	
	100	1000	100	1000	100	1000
*MINUET. Lavender. Best in its color	2.00	15.00	1.75	12.50	1.35	9.00
MISS BLOOMINGTON. Earliest yellow	2.40	19.00	2.00	15.00	1.85	12.50
MOROCCO. Very dark red..	2.15	16.50	1.75	12.50	1.45	9.50
MOTHER MACHREE. Smoky lavender cream	2.40	19.00	2.00	15.00	1.75	12.50
MRS. E. J. HEATON. Tall, large, rose	2.50	20.00	2.15	16.50	1.75	12.50
MRS. VAN KONYNENBURG. Light blue	2.15	16.50	1.75	12.50	1.45	9.50
MRS. LEON DOUGLAS. Tall, large rose	1.75	12.50	1.45	9.50	1.10	6.75
MRS. P. W. SISSON. Soft rose	1.60	11.00	1.25	8.25	1.00	6.25
ORANGE PRINCESS. Early, orange red, extra.....	2.45	19.50	2.15	16.50	1.70	12.00
ORANGE QUEEN. Early, primulinus	1.45	9.50	1.10	6.75	.90	5.00
PARADISE. Apricot, good cut flower	2.15	16.50	1.75	12.50	1.45	9.50
P. D. VAN MOURIK. Light pink, red blotch.....	3.20	27.00	2.70	22.00	2.15	16.50
PELEGRINA. Early, dark blue	2.40	19.00	2.00	15.00	1.75	12.50
PHYLIS McQUISTON. Light rose extra	2.40	19.00	2.00	15.00	1.75	12.50
*PICARDY. Popular	1.50	10.00	1.20	8.00	1.00	6.00
*POLAR ICE. Earliest pure white, extra	2.50	20.00	2.15	16.50	1.85	13.50
*RAPTURE. Salmon, lighter throat, late	1.85	13.50	1.60	11.00	1.25	8.25
RED LORY. Red velvety purplish blotch	2.15	16.50	1.75	12.50	1.45	9.50
*RED PHIPPS. Light red, popular	2.00	15.00	1.70	12.00	1.35	9.00
REVERIE. Salmon and cream	2.40	19.00	2.00	15.00	1.75	12.50
†ROSE DE LIMA. Self rose pink, wonderful	2.45	19.50	2.15	16.50	1.70	12.00
SALBACH'S ORCHID	2.40	19.00	2.00	15.00	1.75	12.50
SALBACH'S PINK	1.75	12.50	1.45	9.50	1.00	6.75
SHIRLEY TEMPLE. Large cream, ruffled	7.50	67.50	6.00	54.00	4.60	41.00
SMILING MAESTRO. Deep salmon rose	2.50	20.00	2.30	18.00	2.00	15.00
STAR OF BETHLEHEM. Large white	3.00	25.00	2.50	20.00	2.15	16.50
SOLVEIG. Ruffled white, late	4.60	41.00	3.90	34.00	3.20	27.00
SONATINE. Self rose pink...	2.40	19.00	2.00	15.00	1.60	11.00
SYMPHONY. Delicate pink...	2.15	16.50	1.75	12.50	1.45	9.50
†TIP TOP. Excellent red.....	3.20	27.00	2.70	22.00	2.30	18.00
*TOKEN. Early salmon. Cream throat	3.20	27.00	2.70	22.00	2.30	18.00
VAGABOND PRINCE. Mahogany brown, flames.....	4.60	41.00	3.80	33.00	3.10	26.00
WASAGA. Buff, good cut-flower	1.55	10.50	1.25	8.25	1.00	6.25
†VREDENBURG. Best clear white, extra fine.....	7.50	67.50	6.00	54.00	4.60	41.00
WHITE TRIUMPHATOR. Large white	2.50	20.00	2.15	16.50	1.75	12.50
WURTEMBERGIA. Red, white markings	2.15	16.50	1.75	12.50	1.45	9.50
†ZAUBERFLOTE. Peach rose, red blotch	3.20	27.00	2.75	22.50	2.30	18.00

* Indicates Leading varieties. † Indicates Very Best varieties.

250 at the 1000 rate

All of the above are finest quality American grown bulbs. We can also supply sizes 4 and 5 and bublets. Write us your wants. Special prices on large orders.

Subject to permit for propagation we offer

HOLLAND GROWN GLADIOLUS

In leading and new cutflower varieties. Write us for details.

	No. 1	No. 2	No. 3	No. 4	No. 5
	1000	1000	1000	1000	1000
JOHN S. BACH. Scarlet, resembles Dr. Bennett	\$22.00	\$18.00	\$14.00	\$10.00	\$7.00
P. D. VAN MOURIK. Pink, red blotch	22.00	18.00	14.00	10.00	7.00
SCHOONOORD. Pure white, good shipper	35.00	29.00	23.00	17.00	13.00
TIP TOP. Large clear red.....	20.00	16.00	12.00	9.00	6.00
WALK OVER	35.00	30.00	24.00	18.00	14.00
VREDENBURG. Large pure white, extra	35.00	30.00	24.00	18.00	14.00

PLEASE NOTE:

While we buy our Gladiolus bulbs from only the most reliable sources, we cannot give any guarantee as to their being free from Thrip or any other insects.

Whether they are free when planted or not, they may become infected very easily when growing. Most growers agree that for best results the bulbs should be soaked in Corrosive Sublimate before planting and sprayed while growing with Tartar Emetic.

We do not claim this is a "cure-all" but many growers tell us it has been the difference between a failure and a good crop.

Complete directions are furnished with both the Corrosive Sublimate and the Tartar Emetic. Prices are as follows:

Corrosive Sublimate.....\$0.35 an ounce; \$1.00 for 3 ounces
One ounce is sufficient for two to three thousand bulbs.

Tartar Emetic.....1 lb. for \$0.60; 5 lbs or over \$0.50 a lb.

One pound mixed with four pounds of brown sugar makes 25 gallons solution.

GLOXINIAS

All colors mixed—extra choice strain.

	100	1000
Delivery—January to Spring		
1-1½ in.	\$9.00	\$85.00
1½-2 in.	14.00	135.00
2 in.-up	17.50	.....

LILY OF THE VALLEY PIPS

Delivery—January and Later

We offer choicest German Pips, supreme quality, namely:

EXTRA RE-SELECTED EXHIBITION EARLY FORCING. Suitable for forcing January 20 to June 1.

EXTRA RE-SELECTED EXHIBITION LATE FORCING. Suitable for forcing June 1 to January 20.

Prices on either of above:

Case of 250.....	\$12.50	Case of 1000.....	\$44.00
Case of 500.....	23.00	5000 or over, per 1000...	42.50

For Christmas—Plant December 1.

For Valentine's Day—Plant January 20.

For Easter, 1940 (March 24)—Plant March 1.

For Mother's Day, 1940 (May 12)—Plant April 18.

HARDY LILIES

Delivery—December to Spring

ALBUM

	No. in Case	Per 100	Per Case
7 to 9 inch.....	250	\$13.00	\$26.00
8 to 9 inch.....	200	15.00	27.00
9 to 11 inch.....	140	19.00	28.00

AURATUM

(Gold Banded)

	No. in Case	Per 100	Per Case
8 to 9 inch.....	200	\$9.00	\$14.00
9 to 11 inch.....	125	14.00	15.00
11 to 13 inch.....	90	....	15.00
13 to 15 inch.....	50	....	15.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HARDY LILIES—Continued

AURATUM PLATYPHYLLUM

	No. in Case	Per 100	Per Case
8 to 9 inch.....	180	\$14.00	\$20.00
9 to 11 inch.....	125	19.00	22.00

BATEMANNIAE

RED GLOWING APRICOT

	25	100
6 to 8 inch.....	\$6.00	\$20.00

CANADENSE

	25	100
MEADOW LILY. Red or yellow.....	\$3.50	\$10.00

CONCOLOR (Star Lily)

BRIGHT SCARLET

	25	100
5 to 7 inch.....	\$5.50	\$20.00

ELEGANS

	25	100
ALICE WILSON. Lemon yellow.....	\$7.50	\$25.00
ATROSANGUINEUM. Dark red.....	5.50	20.00
HIRTELLUS. Orange	5.50	20.00
INCOMPARABLE. Amaryllis red.....	5.50	20.00
IWATO. Bright orange.....	5.50	20.00
KIMBUSEN. Deep red orange.....	5.50	20.00

HENRYI

	No. in Case	Per 100	Per Case
7 to 9 inch.....	220	\$7.00	\$15.00
8 to 9 inch.....	200	9.00	15.00
9 to 10 inch.....	150	12.00	15.00
10 to 11 inch.....	120	13.00	15.00

KRAMERI

	No. in Case	Per Case
7 to 9 inch.....	100	\$12.00
9 to 10 inch.....	50	12.00

PHILIPPINENSE

Delivery—November to Spring

Every florist should plant some of these pure white Lilies as they will flower all Summer. Plant some in flats for inside, also make a planting outside. They are hardy and will pay you well. You will cut flowers all Summer when you can use them in your make-up work.

\$6.00 per 100, \$50.00 per 1000

REGALE

Delivery—November to Spring

	100	1000		100	1000
5-6 in.	\$4.50	\$40.00	8-9 in.	\$10.00	\$95.00
6-7 in.	5.50	50.00	9-10 in.	13.00	120.00
7-8 in.	8.00	75.00	10-11 in.	17.00	165.00

DOBBINS SUPERBILT DUSTERS

No. 200—As illustrated—holds 5 to 10 lbs. powder.....\$14.00

No. 100—Similar to above but smaller—holds 2 to 5 lbs.... 11.00

No. 120—Plunger pump type 3 in. diameter, 12 in. stroke, holds 3 lbs. 3.50

Send for illustrated leaflet.

RUBRUM (Magnificum)

	No. in Case	Per 100	Per Case
7 to 9 inch.....	250	\$7.00	\$15.00
8 to 9 inch.....	200	8.00	14.00
9 to 11 inch.....	140	....	15.00
11 to 13 inch.....	90	....	16.00
13 to 15 inch	50	....	16.00

TENUIFOLIUM

Delivery—November to Spring

A beautiful bright red Lily. Can be grown between your Carnations where their slender, stiff stems will not shade the Carnations. Or can be grown in flats. Will flower in 100 days from planting. Fine in retail work.

\$5.00 per 100, \$40.00 per 1000

TIGRINUM

	No. in Case	Per Case
8 to 9 inch.....	200	\$15.00
9 to 10 inch.....	160	15.00
10 to 12 inch.....	100	15.00
11 to 13 inch.....	80	15.00

UMBELLATUM (Scarlet)

	25	100
8 inch up.....	\$5.00	\$20.00
7-8 inch up.....	4.50	17.00
6-7 inch up.....	3.50	12.00

SPIREA CLUMPS

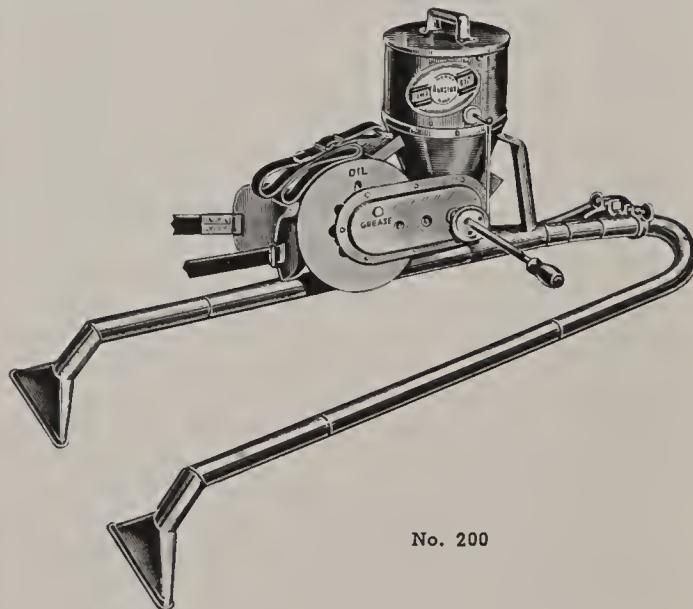
FOR FORCING

	100	1000
AMERICA. Lavender pink.....	\$22.50	\$200.00
DEUTSCHLAND. Pink	25.00	240.00
GLADSTONE. White	30.00	275.00
GLORIA. Deep pink—bushy.....	22.50	200.00
GLORIA SUPERBA. Reddish pink.....	22.50	200.00
PEACH BLOSSOM	22.50	200.00
QUEEN ALEXANDRA. Pink.....	22.50	200.00

TUBEROSES

Delivery—January to Spring

	100	1000
DWARF EXCELSIOR PEARL		
Top Size, 6-8 in.....	\$5.50	\$45.00
First Size, 4-6 in.....	2.50	20.00
Second Size, 3-4 in.....	1.60	12.00
ALBINO. Early single white.....	2.50	22.50
ARMSTRONG'S EVERBLOOMING	2.50	22.50
MEXICAN	2.50	22.50
VARIEGATED-LEAVED. Single	2.50	22.50



No. 200

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FLOWER SEEDS

AGATHAEA

COELESTIS (amelloides) (Blue Daisy).....1/4 oz. 40c. \$0.25 \$1.20

AGERATUM

	Tr. Pkt.	Oz.
BLUE PERFECTION. Dark blue bedder. 8 in.....	\$0.15	\$0.60
BLUE BALL. An improved perfection. 6 in.....	.15	.70
BLUE CAP	1/4 oz. 70c. .35	...
LITTLE BLUE STAR	1/4 oz. 60c. .25	...
PURPLE PERFECTION .....	.15	.80
LASSEAU XI. Fine Pink, 2 ft. good cut flowers.....	.20	...
LITTLE DORRIT BLUE. Dwarf. 6 in.....	.15	.80
LITTLE DORRIT WHITE. Best dwarf white. 6 in.....	.15	.80
FAIRY PINK	1/4 oz. \$2.50, .35	...
MIDGET BLUE, 2-3 in.....	.75	...

ALYSSUM

	Tr. Pkt.	Oz.
BENTHAMI COMPACTUM ERECTUM. 9 in.....	\$0.10	\$0.40
COMPACTUM LUTESCENS. Straw yellow. 8 in.....	.10	.40
LILAC QUEEN. 6 in.....	.15	.80
LITTLE DORRIT. 3 in.....	.15	.60
LITTLE GEM. Extra fine strain. 4 in.....	.15	.60
PROCUMBENS. 2-3 in.....	.15	.60

ANTIRRHINUM (Snapdragon)

GREENHOUSE FORCING VARIETIES. Also fine for planting outside.

SCHAFFORTS NEW PINK (yet to be named)

Awarded Silver Medal by New York Florist Club, January 8, 1940. Color, soft rose pink; flowers early December—fine for Christmas and Mother's Day. Extra fine spike, free clean grower, wonderful keeper. Very rarely drops.

Tr. pkt. \$2.00, 3 pks. for \$5.00

SCHUMANN'S YELLOW OR LAVENDER—

1,000 seeds \$2.00, 2000 seeds \$3.50

The following: tr. pkt. \$2.00; 3 for \$5.00; 5 for \$7.50.

GILBERT'S SUPREME QUEEN, dark pink	WINDMILLER'S CHRISTMAS CHEER
GLORIOUS BRONZE	early bright pink Cheviot Maid
LA FRANCE, soft rose pink	WINDMILLER'S LILAC
MARIE LOUISE, shell pink	WINDMILLER'S SNOW WHITE, late
OLSON'S SNOW WHITE	WINDMILLER'S TALISMAN, early,
OLSON'S YELLOW, early	golden and bronze
ROCKWOOD'S LAVENDER ROSE, early	

The following: tr. pkt. \$1.50; 3 for \$4.00.

KLONDIKE SUPREME, deep yellow	ROLPH'S YELLOW
MAIDEN'S BLUSH	WHITE WONDER

The following: tr. pkt. \$1.00; 3 for \$2.50; 5 for \$3.50.

AFTERGLOW, bronze	ORCHID BEAUTY, orchid with bronze
BERTHA BAUR, lavender	
CHEVIOT MAID SUPREME, rose pink	RADIANCE, dark pink
CHEVIOT MAID WHITE	ROMAN GOLD
CHEVIOT MAID YELLOW	ROSE ORANGE
CEYLON COURT, dark yellow	ROSE QUEEN, dark pink
CEYLON COURT, light yellow	SUNTAN, rose and bronze
COATES GOLDEN YELLOW	SONNY, light pink
PERFECTION	SUNSET, bronze and copper
CINCINNATI, light rose	TERRY'S SURPRISE IMPROVED, pink and bronze
JUDD'S BRONZE	VELVET BEAUTY, red
JUDD'S LIGHT PINK	WESTOVER'S WHITE FRINGED
JUDD'S DARK PINK	WHITE PROSPERITY
LUCKY STRIKE, white	WHITE ROCK
NEW DAWN, golden orange	WINTER HELEN, salmon pink
NEW DEAL, early, golden bronze	R. J. I. FORCING MIXTURE

SPECIAL SNAP OFFER

7 PACKETS FOR \$5.00

Your choice of 14 varieties listed below.
Not more than one packet of each variety.

LUCKY STRIKE	SUN TAN
CHEVIOT MAID SUPREME	WHITE ROCK
TERRY'S SURPRISE	VELVET BEAUTY
COATES YELLOW PERFECTION	NEW DEAL
BERTHA BAUR	ROSE QUEEN
JUDD'S EARLY DARK PINK	AFTERGLOW
JUDD'S EARLY LIGHT PINK	IA FRANCE

ASPARAGUS

PLUMOSUS NANUS (American Grown). True flat leaf variety.

We recommend this American-grown seed. Ripens six weeks earlier than Italian seed. 1 to 20 lbs.....Per lb. \$5.00
21 to 50 lbs.....per lb. \$4.50 51 to 100 lbs.....Per lb. \$4.00

SPRENGERI. 1 to 20 lbs.....Per lb. \$5.00

21 to 50 lbs.....per lb. \$4.50 51 to 100 lbs.....Per lb. \$4.00

There are about 10,000 seeds in 1 lb. of Plumosus and 7,000 seeds in 1 lb. of Sprenger.

Greenhouse-grown. 100 seeds 50c., 1000 seeds \$2.00, 5000 seeds \$9.50

Lathouse-grown .. 100 seeds 30c., 1000 seeds \$1.00

PLUMOSUS NANUS (Italian Grown). 1 to 20 lbs.....Per lb. \$4.50

21 to 50 lbs.....Per lb. \$3.75 51 to 100 lbs.....Per lb. \$3.25

ASTERS

We recommend the following Asters to florists who want a complete succession of Asters throughout the season in all colors and best commercial varieties. Growers who grow asters in a large way advise us the selection below is the most profitable to grow. We can supply all other varieties if wanted.

Wilt-Resistant Type

	Tr. pkt.	Oz.
QUEEN OF THE MARKET. Mid-blue, White, Dark Blue.....	\$0.30	\$1.75
EARLY ROYAL TYPE. White, Shell Pink, Rose, Lavender, Rose Purple.....	.30	1.75
LATE BRANCHING. White, Shell Pink, Lavender, Purple, Rose, Sensation, Heart of France.....	.30	1.75
EARLY AMERICAN BEAUTY. White, Shell Pink, Lavender, Purple, Rose.....	.30	1.75
LATE AMERICAN BEAUTY. White, Shell Pink, Lavender, Rose, Purple.....	.30	1.75
BALL'S EARLY. White .....	.30	1.75
BALL'S LATE. White. Branching type.....	.30	1.75
Phlox Pink. Branching type.....	.30	1.75
Deep Purple. Branching type.....	.30	1.75
Deep Rose. Branching type.....	.30	1.75
LOS ANGELES. Lovely soft shell pink.....	1/4 oz. 70c. .35	2.40
AURORA or GOLDEN SHEAF.....	1/4 oz. 75c. .35	2.00
ASTERS CHINENSIS SINGLE DAISY FLOWERING TYPE.		
Fine for cut flowers mixed. Wilt-resistant. 1/4 oz. 50c. .25		1.50

Non-Resistant

IMPROVED NEW GIANT CALIFORNIA SUNSHINE.		
White, Pink, Lavender, Flesh.....	.35	2.50
Finest Mixed Non-resistant.....	1/4 oz. 25c. .15	.65
LILLIPUT FLOWERED BUTTON ASTERS. Resembling Lilliput Zinnias. Fine for cutting and borders. White, Rose, White with Red, White with Dark Blue, White with Rose, Fiery Scarlet, Dark Blue, Mixed. .35		1.80

Imbricated Pompon

WHITE, LIGHT BLUE, ROSE, SCARLET, DARK BLUE	1/4 oz. 60c. .35	2.00
---	------------------	------

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



BEGONIA

Tr. Pkt.

ALBERT MARTIN, bright carmine.....	\$.50
CARMEN, bright rose bronze foliage.....	1.00
CHRISTMAS CHEER, red.....	1.00
CHRISTMAS PINK, warm rose pink.....	1.00
DARLING, carmine rose.....	1.00
ERFORDIA, rosy carmine, 10".....	.50
FIREBALL, fiery crimson, 10".....	.50
GRACILIS LUMINOSA, deep dark scarlet.....	1.00
GUSTAV KNAAKE, glowing salmon pink.....	1.00
PINK PEARL, 6-8".....	1.00
PRIMA DONNA, rose.....	1.00
RADIO, shining, pure carmine scarlet.....	1.00
RED PEARL, 6-8".....	1.00
STRIEGAU, fiery carmine.....	1.00
VERNON, blood red, dark leaves, 12".....	.35
WHITE PEARL, 10".....	.50
WINTER ROMANCE, carmine pink.....	1.00
WUERTEMBERGIA, deep scarlet.....	.50

BLUE LACE FLOWER

Regular Strain	tr. pkt. .15—oz. .80
New Wilt Resistant	tr. pkt. 1.00—oz. \$10.00

BROWALLIA

SPECIOSA MAJOR	tr. pkt. .35
----------------------	--------------

CALCEOLARIA HYBRIDA

IRWIN'S EXTRA CHOICE MIXED. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A superior English strain.

Tr. pkt. (about 1000 seeds) \$1.00, 1/32 oz. \$3.20, 1/64 oz. \$1.80

KELWAY'S PERFECT MODEL (Herbaceous).

Tr. pkt. \$1.00, 1/32 oz. \$3.80, 1/64 oz. \$2.00

MULTIFLORA NANA (Hyb.).....Tr. pkt. \$1.00

CALENDULA

Tr. pkt. 1/4 oz. Oz.

BALL'S MASTERPIECE. Extra long-stemmed, deep orange with brown center.....	\$0.40	\$0.60	\$2.00
BALL'S ORANGE IMPROVED.....	.40	.60	2.00
SENSATION. Double brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	.25	.35	1.00
BALL'S SUPREME. Light orange with brown eye .....	.40	.60	1.80
BALL'S GOLD .....	.40	.60	2.00
BALL'S LONG ORANGE .....	.40	.60	2.00
BALL'S LEMON QUEEN .....	.40	.60	2.00
ORANGE KING .....	.20	...	.75

CANDYTUFT

Tr. pkt. Oz. Lb.

GIANT HYACINTH-FLOWERED. Select, pure white, 12 in.....	\$0.20	\$0.80	\$8.00
UMBELLATA CARMINEA. Carmine. 12 in.....	.15	.40	3.50
ALBA. White. 12 in.....	.15	.40	3.50
FLESH. Pink. 12 in.....	.15	.40	3.50
LILACINA. Lilac. 12 in.....	.15	.40	3.50
PURPUREA. Crimson. 12 in.....	.15	.40	3.50
ROSE CARDINAL. Rose pink. 12 in.....	.15	.50	4.50

CENTAUREA

Tr. pkt. Oz. Lb.

CYANUS (Cornflower) BLUE. Excellent cut flower variety	\$0.10	\$0.40	\$4.00
CYANUS ROSEA. Fine pink color.....	.10	.40	4.00
CYANUS WHITE. Pure .....	.10	.40	4.00
BLUE BOY .....	.15	.50	...
PINKIE .....	.15	.50	...
RED BOY .....	.15	.50	...

CELOSIA

Tr. pkt.

DWARF MIXED. Fine for pots.....	\$0.25
THOMPSONI MAGNIFICA. Mixed.....1/4 oz. 25c., oz. 80c.	.15
FLAME OF FIRE.....	.50

CHRYSANTHEMUM

Tr. Pkt. Oz.

CARINATUM BURRIDGEANUM. White and crimson with yellowing ring. 20 in.....	\$0.10	\$0.25
ECLIPSE (Chameleon). Brown and yellow.....	.10	.25
NORTHERN STAR. Giant white flowers.....	.10	.25
PURPUREUM (W. E. Gladstone). Purple.....	.10	.25
THE SULTAN. Dark copper yellow ring. 20 in.....	.10	.25
SEGETUM (Eastern Star). Light yellow.....	.10	.25
ELDORADO. Bright canary yellow.....1/4 oz. 25c.	.10	...
GLORIA (Morning Star). Primrose flowers. 20 in.....	.10	.25
HELIOS (Evening Star). Golden yellow.....	.10	.25

CINERARIA

Tr. pkt.

CREMER'S PRIZE STRAIN.....1/32 oz. \$4.50, 1/16 oz. \$8.00, 1/8 oz. \$15.00	
MULTIFLORA NANA MAXIMA. Mixed.....1/32 oz. \$2.40, 1/16 oz. \$4.80, 1/8 oz. \$9.60	1.00
POTSDAM STRAIN (Berlin Market). 1/64 oz. \$1.50, 1/32 oz. \$2.50, 1/16 oz. \$4.50	1.00
SITER'S RAINBOW STRAIN.....	2.00

CLARKIA ELEGANS FL. PL.

Tr. Pkt. Oz.

ALBATROSS, pure white.....	\$0.15	\$0.60
APPLEBLOSSOM, rose pink.....	.15	.50
BRILLIANT, double salmon.....	.15	.50
CARMINE QUEEN, deep carmine.....	.15	.50
ENCHANTRESS, salmon pink.....	.15	.50
LA FRANCE, pale salmon pink.....	.15	.50
PURPLE PRINCE, rich purple.....	.15	.50
SCARLET QUEEN .....	.15	.50
R. J. I. SPECIAL MIXTURE.....	.15	.80

COLEUS

Tr. pkt.

RAINBOW MIXTURE.....	1/16 oz. \$1.50, \$0.50
----------------------	-------------------------

CUPHEA

Tr. pkt.

FIREFLY	\$0.50
---------------	--------

COSMOS

Tr. Pkt. Oz.

SENSATION. Mammoth flowering. Produces a bloom about 4 in. across in about 10 weeks from sowing.....	\$0.25	\$1.00
PINK .....	.25	1.00
WHITE .....	.25	1.00
MIXTURE .....	.25	1.00
ORANGE FLARE (Early Klondyke).....	.25	1.00

CYCLAMEN

Binnewies Strain (None Better)

In Original Packets

100 1000

No. 1—DARK BLOOD RED	\$1.20	\$10.00
No. 2—BRIGHT RED	1.20	10.00
No. 3—PURE ROSE	1.20	10.00
No. 4—SOFT ROSE WITH CARMINE EYES (Impr. Rose of Marienthal)	1.20	10.00
No. 5—WHITE WITH CARMINE EYE	1.20	10.00
No. 6—PURE WHITE	1.20	10.00
No. 7—BONFIRE. Brilliant salmon	1.70	15.00
No. 8—SALMON SCARLET (American Improved).....	2.00	16.00
No. 9—NEW SALMON ROSE IMPROVED	1.60	13.00
No. 10—SALMON COLOR (Dark) (Glory of Wandsbek or Perle of Zehlendorf)	1.50	12.00
No. 11—SALMON COLOR (Light) (Rose of Zehlendorf)...	1.50	12.00
No. 12—ORANGE BEAUTY. Orange vermillion, extra... ..	2.00	17.00
No. 14—MORNING RED	1.60	13.00
No. 15—SAFFRON RED	1.40	11.00
No. 16—SAFFRON RED. Silver edged	1.75	15.00
No. 18—MOZART. Deep pink (Novelty)	2.00	17.00
No. 19—LAVENDER COLOR	1.20	10.00
No. 21—PINK PEARL. Salmon pink (Novelty).....	2.00	17.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DAHLIA SEED

NEW COLTNESS HYBRIDS, Mixed. Tr. pkt. 25c., 1/4 oz. 50c., oz. \$1.00
Sow seed in January or February, repot into 2 1/4-in. pots and plant out early in the Spring. They will flower all Summer long. Very effective for bouquets, funeral work, etc.

DELPHINIUM

PACIFIC GIANT WHITE. Individual florets 2 to 2 1/2 in. in diameter. Well placed on large, well balanced spikes. Clear glistening white with heavy texture. Excellent for cut flower and show purposes. This is the best white on the market. Tr. pkt. (250 seeds) \$1.00, 1000 seeds, \$3.00; 1/4 oz. for \$5.00, 1/2 oz. for \$9.00, oz. for \$16.00.

	Tr. pkt.	Oz.
BELLADONNA, LIGHT BLUE IMP.....	\$0.30	\$1.85
BELLAMOSUM, DARK BLUE.....	.30	1.85
BLACKMORE & LANGDON STRAIN.....	.50	3.00
PAPPAS STRAIN	6 for \$5.00,	1.00
PACIFIC GIANT HYBRIDS MIXED.....	1.00	10.00
WREXHAM STRAIN HOLLYHOCK.....	.50	2.00

DRACAENA

AUSTRALIS, broad-leavedtr. pkt. 20c, oz. 80c
INDIVISIA, narrow-leavedtr. pkt. 15c, oz. 40c, lb. \$4.00

FORGET-ME-NOT (Myosotis)

	Tr. pkt.	1/4 oz.
IRWIN'S WINTER FLOWERING. Dark blue.....	\$0.75	\$1.50
VICTORIA. Dwarf globular strain. Sky blue.....	.25	.40
OBLONGATA (Blue Bird) .....	.35	.90
HYBRIDA, RUTH FISHER. Lovely blue...1/16 oz.	\$1.00,	.35

GLOXINIA

NEW VELVET BEAUTY. Crimson. Leaves are flexible. Will not crack.....Tr. pkt \$1.00

GREVILLEA

ROSEA. Roseoz. 20c., 4 oz. 75c., lb. \$2.00

GYPSOPHILA

GIANT FLOWERING, IRWIN'S SPECIAL STRAIN. White
1 oz. 20c., 4 ozs. 50c., lb. \$1.25, 5 lbs. \$5.00
ROSEA. Rose1 oz. 20c., 4 oz. 75c., lb. \$2.00

IPOMOEA

	Tr. pkt.	Oz.
EARLY FLOWERING HEAVENLY BLUE.....	\$0.15	\$0.60
SCARLETT O'HARA. Red.....	.35	1.75

LANTANA (Hybrida)

MIXED.....Tr. pkt. 15c, oz. 50c, lb. \$5.00

ANNUAL LARKSPUR

GIANT IMPERIAL—4 ft.

A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer stems for cutting.

BLUE COCKADE	GLORIA, deep rose
BLUE SPIRE, dark blue	LILAC QUEEN, rich lilac shading to lavender blue
CORAL KING	LILAC SPIRE
DAINTINESS, lavender	MISS CALIFORNIA, salmon
DAZZLER, carmine	WHITE KING
EXQUISITE PINK, salmon	WHITE SPIRE
EXQUISITE ROSE	

	Tr. pkt.	Oz.	Lb.
The above	\$0.25	\$1.00	\$10.00

Stock Flowered

DARK BLUE	ROSAMOND, pure rose
LILAC	WHITE
LOS ANGELES, salmon rose	
All at	Tr. pkt. Oz. Lb.
	\$0.20 \$0.50 \$5.00

LILIUM

	Tr. pkt.	Oz.	Lb.
PHILIPPINENSE FORMOSANUM. If seed is sown in Spring will bloom in September. Large umbels of fine white, like an Easter Lily 1/4 oz. 50c—\$0.25 \$1.80 \$22.00			
REGALE (Regal Lily).....	.15	.40	4.00

LOBELIA

	Tr. pkt.	1/4 oz.	Oz.
CRYSTAL PALACE COMPACTA. 4 in.....	\$0.25	\$0.50	\$1.80
PENDULA, HAMBURGIA. Good for hanging baskets, sky blue, white eye.....	.25	.50	1.40
PENDULA SAPPHIRE. Dark blue.....	.25	.50	1.60
PUMILA SPLENDENS, BEDDING QUEEN .....	.25	.60	2.00
EMPEROR WILLIAM. Gentian blue.....	.25	.50	1.60

LUPINS

Free flowering, easily grown annuals, with long, graceful spikes of rich and various colored, pea-shaped flowers; valuable for cutting to follow "Mums" or Sweet Peas as a "catch crop."

	Oz.
IRWIN'S SPECIAL BLUE. Greenhouse forcing, flower in four months after sowing. A favorite in the New York market 1/4 lb. \$1.25, lb. \$5.00, \$0.50	
IRWIN'S SPECIAL YELLOW. For forcing.....	.50
HARTWEGI, DARK BLUE .....	.30
HARTWEGI, LIGHT BLUE .....	.30
HARTWEGI ROSEUS .....	.30
HARTWEGI ALBUS .....	.30
HARTWEGI MIXED .....	.30
RUSSELL'S LUPINS. Mixed colors 12 seeds 25c, 50 seeds 65c, 120 seeds \$1 25, 250 seeds \$2.50	

MARIGOLD

	Tr. pkt.	Oz.
AFRICAN GIANT "ALDOUBLE" LEMON	\$0.25	\$1.50
AFRICAN GIANT "ALDOUBLE" ORANGE.....	.25	1.50
AFRICAN LITTLE GIANTS MIXED.....	.50	1.00
AFRICAN TALL GOLD BALL.....	.15	.75
AFRICAN TALL ORANGE BALL.....	.15	.75
CHRYSANTHEMUM FLOWERING (California Giant Mixed) .....	.25	1.80
DOUBLE DWARF FRENCH HARMON'S HYBRIDS.....	.50	2.25
DOUBLE DWARF FRENCH HARMONY, maroon red yellow center .....	.25	1.00
DOUBLE DWARF FRENCH MONARCH MIXED.....	.15	.60
DOUBLE DWARF FRENCH ROBERT BIEST, dark maroon .....	.15	.50
FRENCH TALL DOUBLE, orange, lemon, dark brown...	.10	.40
GUINEA GOLD	1/4 lb. \$4.00	.25 1.25
SINGLE DWARF GOLD STAR, yellow striped maroon...	.10	.30
SINGLE DWARF LEGION OF HONOR (Little Brownie)...	.10	.30
SINGLE SIGNATA PUMILA, golden orange.....	.25	1.00
STAR OF INDIA, crimson striped yellow.....	.10	.30
YELLOW SUPREME .....	.25	1.25

LIEB'S WINTER-FLOWERING

	Tr. pkt.
MAHOGANY BROWN	\$0.50
WINTER SUNSHINE .....	.50

MIGNONETTE

NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 ft. high and produce spikes up to 20 in. long, according to the quality of the soil, weather and treatment.....Tr. pkt. 75c, 1/4 oz. \$1.60

NIEREMBERGIA

HIPPOMANICA. Dwarf cup flower, lavender blue.....Tr. pkt. 50c.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



PANSIES

Up-to-the-Minute Varieties

	Tr. pkt.	1/4 oz.	Oz.
IRWIN'S FINEST EXHIBITION MIXTURE. A mixture of the finest exhibition Pansies grown in this country	\$2.00	\$3.50	\$12.00
IHM'S WORLDS GIANT	2.00	3.50	12.00
IRWIN'S GIANT FLORIST MIXTURE.			
1/8 oz. \$1.00, 1/2 oz. \$3.00	1.75	6.00	
SWISS GIANT MIXED.....1/8 oz. \$1.00	1.75	6.00	
MAPLE-LEAVED. Giant mixed.....	.50	1.80	6.00
ADONIS. Bright blue.....	.25	.40	1.40
BEACONSFIELD. Deep purple, upper petals white .....	.25	.40	1.40
BLACK .....	.25	.40	1.40
CARDINAL. Brilliant red.....	.25	.40	1.40
IRENE. Henna red.....	.65	2.50	8.50
MADAME PARRET. Wine shades.....	.25	.40	1.40
PRINCE HENRY. Dark blue.....	.25	.40	1.40
WHITE WITH DARK EYE.....	.25	.40	1.40
WHITE. Pure white.....	.25	.40	1.40
YELLOW WITH DARK EYE.....	.25	.40	1.40
YELLOW. Pure yellow.....	.25	.40	1.40

PETUNIA

LARGE FLOWERING DWARF

	Tr. pkt.
LACE VEIL, white.. ..	\$0.50
SETTING SUN, brilliant rose, pink.....	.50
DWARF GRANDIFLORA, ruffled, mixed.....	.50

LARGE SINGLE FRINGED GRANDIFLORA

	Tr. pkt.
BURGUNDY. Red with white throat.....	\$0.50
DAINTY LADY. Dark cream.....	.50
FLUFFY RUFFLES. Finely fringed mixed.....	.50
GOLDEN JUBILEE. Carmine, tinged scarlet, golden throat....	.50
LACE VEIL. Dwarf white fringed.....	.50
PURPLE ROBE. Purple with silvery white picotee edge.....	.50
RAPTURE. Rose pink yellow throat veined carmine rose....	.50
TOPAZ ROSE. Velvety rose with topaz throat.....	.35

RUFFLED GIANT

	Tr. pkt.
CAMELLIA, rose pink.....	\$0.75
COPPER RED, dark throat.....	.50
COPPER SCARLET .....	.50
GIANTS OF CALIFORNIA, mixed.....1/16 oz. \$2.50 .....	.50
MARILYN, salmon pink.....	.75

DOUBLE SMALL FLOWERING

ROSY MORN. A beautiful double pink.	
1000 seeds \$1.00, 1/32 oz. \$3.00, 5000 seeds \$4.00	
SNOWBALL, Double Lilliput White.....	1000, \$1.00

SINGLE SMALL-FLOWERING VARIETIES

	Tr. pkt.	Oz.
BLOTCHED AND STRIPED (Inimitable).....	\$0.20	\$1.00
FLAMING VELVET, velvety blood red.....	.35	3.00
GENERAL DODDS, blood red.....	.25	1.40
HOLLYWOOD STAR, rose pink, creamy-eyed.....	.50	...
HOWARD'S STAR IMP. purple, white star.....	.35	3.00
NORMA, violet, blue, white star.....	.25	1.40
TOPAZ ROSE, velvety rose.....	.35	3.75
VIOLACEA, violet .....	.25	1.70

PETUNIAS—Continued

SINGLE SMALL-FLOWERING DWARF

VARIETIES

	Tr. pkt.	1/4 oz.	Oz.
ADMIRAL, clear blue wavy edges.....	\$0.35	...	...
ALDERMAN. Dark violet.....	.35	\$0.60	\$2.00
BLUE BIRD. Deep violet, extra fine.....	.35	.70	2.40
CELESTIAL ROSE .....	.35	1.40	4.00
CELESTIAL ROSE. Reselected.....	.50	...	...
DAZZLER. Bright rose.....	.75	...	...
DWARF FLAMING VELVET (King Henry) (velvety blood red) .....	.75	...	...
HEAVENLY BLUE. Silvery light blue, varies....	.50	1.75	6.00
MARTHA WASHINGTON. Blush pink veined wine red .....	.50	...	...
ROSE OF HEAVEN. Beautiful pink.....	.35	.50	1.60
ROSE OF HEAVEN IMP .....	.50	...	...
ROSY MORN. Pink with white throat.....	.50	.70	2.40
ROSY MORN IMP. ....	.50	...	...
SNOWBALL. Dwarf white.....	.25	.40	1.40
SUNRISE. Rose .....	.75	...	...
VELVET BALL. Velvety blood red.....	.75	...	...
WHITE CLOUD. Pure white.....	.50	...	...
IRWIN'S SPECIAL DWARF MIX. Small flowering varieties .....	.25	.50	1.60

DWARF CALIFORNIA GIANTS—SINGLE

RAMONA STRAIN. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding.

Tr. pkt. \$1.00, 1/32 oz. \$2.50, 1/8 oz. \$8.00

GIANTS OF CALIFORNIA SUPREME FLORIST STRAIN.

1000 seeds \$1.00

COLORADO SUNSET. Rose pink.....Tr. pkt. 75c

BALCONY PETUNIAS

	Tr. pkt.
BALCONY QUEEN. Purple and white.....1/16 oz. \$1.50, \$0.50	
BALCONY BLUE. A splendid strain.....1/16 oz. .75, .35	
BALCONY RED. Dark red.....1/8 oz. .50, .25	
BALCONY ROSE	1/8 oz. .50, .25
BALCONY WHITE	1/8 oz. .50, .25
BALCONY ROYAL BLUE	oz. 4.00, .50

PORTLAND PETUNIAS

	Tr. pkt.
PRIDE OF PORTLAND. Rose pink, fringed....1/32 oz. \$1.20, \$0.50	
ELK'S PRIDE. Velvety violet, plain edge.....1/32 oz. 1.20, .50	
SCARLET BEAUTY. Fringed.....1/32 oz. 1.20, .50	
WHITE BEAUTY. Fringed.....1/32 oz. 1.20, .50	

ALL DOUBLE PETUNIAS

***"VICTORIOUS" ALL DOUBLE PETUNIA (Original Sakata Strain). A money maker for Mother's Day. Without doubt the best Double Petunia Dwarf Giant Flowering Fringed yet introduced. A wonderful mixture of bright colors. Fine for pots.

500 seeds \$1.25, 1000 seeds \$2.00, 3000 seeds \$5.00,
1/64 oz. \$5.50, 1/32 oz. \$10.75

WORLD BEAUTY (Pink Perfection). All double, finest clear carmine, rose pink.....1/64 oz. \$6.50, 1/32 oz. \$13.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DIENER'S RUFFLED MONSTERS

We carry Diener's complete line of Petunia Seed put up in original packets and by weight (Single and Double)

The varieties marked Ruffled Monsters are of giant size while the others are somewhat smaller. Please order Petunias by number to avoid mistakes.

	Tr. pkt.
No. 1—PINK (Ruffled Monster).....	\$0.50
No. 2—FLESH PINK (Ruffled Monster).....	.50
No. 3—VARIEGATED (Ruffled Monster).....	.50
No. 4—WHITE AND YELLOW CENTER (Ruffled Monster)....	.50
No. 5—RED, DARK VEINED AND COAL BLACK CENTER (Ruffled Monster) .....	.50
No. 6—PALE LILAC PINK (Ruffled Monster).....	.50
No. 7—RED AND WHITE VARIEGATED (Ruffled Monster)...	.50
No. 8—RUFFLED MONSTERS MIXED.....	.50
No. 9—FLESH PINK FRILLED.....	.25
No. 10—SALMON ROSE (Ruffled Monsters).....	.50
No. 11—DIENER'S BLUE .....	.25
No. 12—COPPER PINK and WHITE VARIEGATED.....	.50
No. 13—HELIOTROPE (Ruffled Monsters).....	.50
No. 14—DIENER'S PINK GLORY.....	.25
No. 15—PURPLE AND WHITE.....	.50
No. 16—WHITE BEAUTY .....	.25
No. 17—PALE SULPHUR YELLOW.....	.25
No. 18—VARIEGATED HEAVY RUFFLED.....	.50
No. 19—GIANT PINK GLORY.....	.50
No. 20—MAUVE (Ruffled Monster).....	.50
No. 21—STEEL BLUE .....	.25
No. 22—ROSE COLOR .....	.25
No. 23—PALE AMARANTH PINK.....	.25
No. 27—SALMON COLOR (Single).....	.25
No. 41—COPPER RED (Ruffled Monsters).....	.50
No. 46—DEEP VELVETY VIOLET (Single) .....	.50
No. 47—JUMBO MIXTURE OF RUFFLED MONSTER PETUNIAS.	1.00

DIENER'S DOUBLE PETUNIAS

Note—All of our Double Petunia seeds are raised from Double Petunias and so give the highest percentage of double seedlings. The slowest and poorest seedlings will turn out the best doubles.

	Tr. pkt.
No. 24—SALMON DOUBLE	\$1.00
No. 25—COPPER RED DOUBLE.....	1.00
No. 26—GREEN EDGED DOUBLE.....	1.00
No. 28—DOUBLE LAVENDER BLUE.....	1.00
No. 29—PURPLE DOUBLE. Medium size.....	1.00
No. 38—DOUBLE RUFFLED MONSTERS MIXED.....	1.00
No. 40—MADONNA. Frilled snow white.....	1.00
No. 42—LARGE DOUBLE FRILLED MIXED.....	1.00
No. 43—DOUBLE ROSE PINK FRILLED.....	1.00
No. 44—DOUBLE FRILLED ROSE PINK AND WHITE VARIEGATED	1.00

Prices for Diener's Petunia Seeds in quantity:

Separate colors of each of the following numbers are sold in quantity as follows:

RUFFLED MONSTERS (Single) Numbers 1, 2, 3, 5, 6, 7, 8, 10, 15, 20, 41, 45, 46:

1/64 oz. \$2.50 1/32 oz. \$4.00
1/16 oz. 8.00 1/8 oz. 15.00

SMALL FLOWERING VARIETIES: Numbers 11, 14, 17, 21, 22, 23, 30:

1/32 oz. \$3.00 1/16 oz. \$6.00
1/8 oz. 12.00

DOUBLE VARIETIES: Numbers 38, 42, 44:

1/64 oz. \$5.00 1/32 oz. \$10.00
1/16 oz. 20.00

SALPIGLOSSIS

MIXED Tr. pkt. 15c., oz. 80c.

PHLOX DRUMMONDI GRANDIFLORA

	Tr. pkt.	1/4 oz.	Oz.	Lb.
ALBA. White	\$0.20	\$0.30	\$1.00	\$10.00
ALBA OCULATA. White with dark eye....	.20	.30	1.00	10.00
ATROPURPUREA ALBA OCULATA. Dark purple with white eye.....	.20	.30	1.00	10.00
BRILLIANT. Rose with dark eye.....	.20	.30	1.00	10.00
CHAMOIS RED .....	.20	.30	1.00	10.00
CARNEA. Flesh .....	.20	.30	1.00	10.00
ISABELLINA. Yellow .....	.20	.30	1.00	10.00
KERMESINA SPLENDENS. Crimson.....	.20	.30	1.00	10.00
LEOPOLDI. Pink with white eye.....	.20	.30	1.00	10.00
VIOLET WITH WHITE EYE.....	.20	.30	1.00	10.00
ROSEA. Pink .....	.20	.30	1.00	10.00
SCARLET .....	.20	.30	1.00	10.00
BEST LARGE-FLOWERING MIXED.....	.15	.25	.80	8.00

PHLOX NANA COMPACTA (Dwarf)

	Tr. pkt.	1/4 oz.	Oz.
SNOWBALL. 6 in.	\$0.25	\$0.50	\$1.80
DELICATA. Old rose, carmine eye.....	.25	.50	1.80
FIREBALL .....	.25	.50	1.80
CHAMOIS .....	.25	.50	1.80
MIXED .....	.25	.50	1.80

PORTULACA

	Tr. pkt.	1/4 oz.	Oz.
SINGLE LARGE FLOWERING SORTS. Mixed.....	\$0.10	...	\$0.50
DOUBLE SORTS. Finest mixed.....	.25	\$0.60	2.00

PRIMULA

MALACOIDES BABY PRIMROSE. Light lilac. Tr. pkt. 50c., 1/8 oz.	\$1.00
ERIKSSONI BABY ALBA. White.....Pkt. (about 800 seeds)	1.00
ERIKSSONI NEW BABY. Lavender pink..Pkt. (about 800 seeds)	1.00
ERIKSSONI BABY ROSE. Deepest pink..Pkt. (about 800 seeds)	1.00
ERIKSSONI BABY DOLL. Frilled deep pink..Pkt. (about 800 seeds)	1.00
ERIKSSONI WONDER BABY. Pink.....Pkt. (about 800 seeds)	1.00

New Chinese Variety

SINENSIS MIXED	Tr. pkt. 50c., 1/32 oz. \$2.00
----------------------	--------------------------------

PRIMULA OBCONICA

Single

BETTER DAYS. Deep carmine red.....	Tr. pkt. \$1.00
FASBENDER. Red and rose shades mixed. Seed grown by Mr. Fasbender the originator. Flowers of enormous size. Without doubt the finest strain obtainable.	
1/64 oz. (2500 seeds) \$3.00, 1 gram. (5000 seeds) \$5.00, 1.00	
MOHNSTEIN'S DARK RED.....1 gram \$5.00, 1/64 oz. \$3.00	1.25
MUELLER'S ROSE .....1 gram \$4.50, 1/64 oz. \$3.00	1.25
MUELLER'S RED .....1 gram \$5.00, 1/64 oz. \$3.00	1.25
SKY-BLUE	1.00

Double

PORTLAND BEAUTY. Rose pink.....	Tr. pkt. \$1.50
---------------------------------	-----------------

RICINUS (Castor-bean)

	Oz.	Lb.
SANGUINEUS. Red leaves. 7 ft.....	\$0.10	\$1.00
ZANZIBARIENSIS. Mixed .....	.15	1.40

SALVIA SPLENDENS

	Tr. pkt.	1/4 oz.	Oz.
AMERICA (Globe of Fire). 16 in.....	\$0.35	\$0.60	\$2.00
BLAZE OF FIRE (Compacta). Blooms 10 to 14 days earlier than Harbinger.....	.75	....	....
BONFIRE or CLARA BEDMAN. Erect habits. 16 in. ....	.25	.60	1.80
FARINACEA, BLUE BEDDER.....	.25	.50	1.80
HARBINGER. New dwarf Salvia.....	.35	.70	2.40
ZURICH .....	.35	.60	2.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**SCHIZANTHUS**

Tr. pkt.

WISETONENSIS DWARF COMPACTUS. Mixed. 1/16 oz. \$1.00, \$0.50
WISETONENSIS. MixedOz. 1.00 .25

SCABIOSA

Tr. pkt.

Oz.

BLUE MOON. Entirely double without center.....\$0.35 \$3.00
CHERRY RED15 .50
LOVELINESS. Salmon rose15 .60
ROSETTE. Deep rose with salmon..... .25 1.40
SHASTA. Pure white, extra large..... .15 .50
R. J. I. SPECIAL MIXTURE..... .15 .60

SHAMROCK

Tr. pkt.....15c. Oz.....50c.

SMILAX

Tr. pkt.....15c. Oz.....50c.

**SNAPDRAGON—See Antirrhinum
STATICE**

Tr. pkt.

Oz.

Lb.

SINUATA BLUE. Fine cut flower.....\$0.10 \$0.25 \$2.60
SINUATA WHITE10 .25 2.60
SINUATA ROSEA SUPERBA10 .25 2.60
BONDUELLI. Golden yellow..... .10 .20 2.00
SUWOROWI (Russian or Rattail). Flowers bright
rose color15 .60 ...

STOCKS**Non-branching Column Type**

AMERICAN BEAUTY (deep rose)	LIGHT BLUE
BALL BLUE	LIGHT YELLOW
BALL PINK	MALMAISON PINK
CHAMMOIS ROSE	ROSE
CRIMSON	RUBY
DARK BLUE	SILVER LILAC
LAVENDER	WHITE

Above at: Tr. pk. \$1.00, 1/4 oz. \$2.25, oz. \$8.00

GARDENIA. New double white..Tr. pkt. \$1.25, 1/4 oz. \$4.50 oz. \$15.00

GIANTS OF CALIFORNIA

BLOOD RED	LAVENDER	WHITE
BLUE	PINK	YELLOW
CHAMMOIS	ROSE	MIXED

Above at: Tr. pk. \$0.35, 1/4 oz. \$1.15, oz. \$4.00

GIANT PERFECTION

Tr. pkt. 1/8 oz. Oz.

HEATHAM BEAUTY. Rose shaded terra cotta...\$0.25 \$0.35 \$2.20
EMPRESS AUGUSTA VICTORIA. Silvery lilac.... .25 .35 2.20

GIANT BISMARCK

ANTIQUE COPPER	ELK'S PRIDE	LAVENDER
APPLEBLOSSOM	FIERY BLOOD RED	LILAC
BUTTERCUP	FLESH	OLD ROSE
CHAMMOIS	GOLD BALL	ROSE
DARK BLUE	GOLDEN ROSE	WHITE

Each, above: Tr. pkt. 35c., 1/8 oz. 50c., oz. \$3.00

Dwarf Ten Weeks

BLOOD RED	DARK BLUE	LIGHT BLUE
BRIGHT PINK	DEEP ROSE	WHITE
CANARY YELLOW	LAVENDER	

Above at: Tr. pk. \$0.25, 1/4 oz. \$0.50, oz. \$1.80

SWEET PEAS

Our Sweet Peas have been treated with Cuprocide so they do not need to be soaked before planting.

SPENCER VARIETIES**For Early Winter Flowering**

AMETHYST. Purple.	HOPE. Best white.
ANNIE LAURIE. Rose.	JEANNE MAMITSCH. Rose
APOLLO. Salmon.	JOSIE. Clear rose.
BALL'S ROSE IMPROVED.	MAJESTIC ROSE
BLUE BIRD.	MICHIGAN BEST LAVENDER.
BURPEE'S LAVENDER.	MISS CALIFORNIA. Salmon
BURPEE'S ORANGE.	cream pink.
EARLY ATTRACTION. Salmon	MRS. H. HOOVER. Blue.
rose.	MRS. KERR. Salmon.
FORTY-NINER. Orange.	SNOWSTORM IMP. White.
GIANT ROSE.	SUNRAY. Cerise.
GLITTERS. Fiery orange.	VALENCIA. Orange.
GRENADIER. Scarlet.	VULCAN. Vivid scarlet.
HARMONY. Lavender.	WHITE HARMONY.
	ZVOLANEK'S ROSE.

Above at: Oz. \$0.35, 1/4 lbs. \$1.00, lb. \$3.40

SPENCER VARIETIES**For Outdoor Planting**

AMBITION. Deep lavender.	LOVELINESS. Rich pink on cream
AVALANCHE. Glistening white.	MARY PICKFORD. Cream pink
BONNIE BRIAR. Rose pink.	suffused salmon.
BRIDAL VEIL. White, black	MISS CALIFORNIA. Orange
seeded.	salmon.
CONSTANCE HINTON. White,	PEGGY ANN. Salmon pink.
black seeded.	PINKIE. Large rosy pink.
CRIMSON KING. Deep clear	POWERSCOURT. Lavender.
crimson.	PRINCE OF ORANGE. Deep orange
FLUFFY RUFFLES. Rose shaded	ROYAL PURPLE.
salmon and cream.	ROSABELLE. Rose.
HAWLMARK PINK. Deep rose pink	SUNKIST. Cream picotee edged
HEADLIGHT. Orange scarlet.	rose.
HEAVENLY BLUE.	WARRIOR. Maroon.
HEBE. Bright pink.	WELCOME. Dazzling scarlet.
HERCULES. Rosy pink.	YOUTH. White, pink picotee.
KING WHITE. Extra large.	

Above at: oz. \$0.20, 4 oz. \$0.50, lb. \$1.75

SOLANUM

Tr. pkt.

BIRD'S EYE PEPPER.....\$0.25
CELESTIAL PEPPER. Conical fruits, at first green, then
changes to other shades..... .15
CHRISTMAS CHERRY IMP..... .25
CLEVELAND RED15
CLEVELAND ORANGE25
MINIATURE BELL. Bell-like fruits, very attractive..... .35

THUNBERGIA

MIXEDTr. pkt. 15c., oz. 60c., lb. \$6.00

VERBENA

Hybrida Grandiflora

Tr. pkt. 1/4 oz. Oz.

BLUE. White eye.....\$0.25 \$0.50 \$1.60
CERISE QUEEN. Soft salmon cerise..... .40 .75 2.50
COCCINEA. Scarlet white eye..... .25 .50 1.60
CREAM. Cream-white ..... .40 .75 2.50
CRIMSON GLOW. Glowing crimson..... .25 .50 1.60
ETNA. Red, yellow eye..... .40 .75 2.50
LAVENDER GLORY. Lavender, cream eye..... .25 .50 1.60
LUCIFER. Flaming scarlet self..... .25 .50 1.60
LUMINOSA. Fiery pink shading to salmon.... .25 .50 1.60
MOUNTY. Solid deep rose red..... .40 .75 2.50
PURE WHITE ..... .25 .50 1.60
ROSEA STELLATA. Rose pink, white eye..... .25 .50 1.60
ROYALE. Blue cream eye..... .40 .75 2.50
SPECTRUM RED. Vivid crimson..... .40 .75 2.50
VIOLACEA STELLATA. Violet, white eye..... .25 .50 1.60
R. J. I. SPECIAL MIXED..... .25 .50 1.60

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

VERBENA—Continued

Hybrida Compacta Erecta

CARMINE BALL. Bright carmine.....	.40	.75	2.50
FIREBALL. Bright scarlet.....	.40	.75	2.50
WHITE BOUQUET. Pure white.....	.40	.75	2.50
ROYAL BOUQUET. Mxed. 15-18 in. tall.....	.40	.75	2.50

VINCA

	Tr. pkt.	1/4 oz.	Oz.
ROSEA. Pink. 1 ft.....	\$0.15	\$0.25	\$0.80
FLORE ALBA OCLATA. White with pink eye..	.15	....	.80
ALBA PURA. Pure white.....	.15	.25	.80
DELICATA. Soft pink.....	.15	....	.80
MIXED .....	.15	.25	.80

ZINNIAS

Giant-Flowered or Colossal

BRIGHT ROSE	LAVENDER
BURNT ORANGE	LIGHT CANARY
BUTTERCUP	ORANGE
CRIMSON	ROYAL PURPLE
DEEP SALMON	SCARLET
GOLDEN YELLOW	VIOLET

The above at: Tr. ; k. \$0.15, oz. \$0.60, lb. \$6.00

ZINNIAS—Continued

CALIFORNIA GIANTS 3-4 ft.

Larger than Colossal. A cross between Colossal and Dahlia-flowered types.

DEEP ROSE	DARK RED	PURE WHITE
CERISE	LAVENDER	SALMON
CANARY YELLOW	SOFT PINK	SCARLET
PINK	ORANGE SCARLET	VIOLET

The above at: Tr. pk. \$0.25, 1/2 oz. \$0.60, oz. \$1.00, lb. \$11.00

DAHLIA-FLOWERED 2 1/2-3 ft.

ATTRACTION. Bright red.	OLD GOLD. Burnished shades.
BUTTERCUP. Yellow	OLD ROSE.
CANARY BIRD. Primrose	ORIOLE. Orange and gold.
CRIMSON MONARCH. Best red.	METEOR. Darkest red.
DREAM. Deep lavender.	SCARLET FLAME. Bright scarlet.
EXQUISITE. Light rose.	POLAR BEAR. White.
GOLDEN DAWN. Golden yellow.	PURPLE PRINCE.
GOLDEN STATE. Rich orange.	LUMINOSA. Deep pink.
ILLUMINATION. Deep rose.	MIXED.

The above at: Tr. pkt. \$0.25, 1/2 oz. \$0.60, oz. \$1.00, lb. \$12.00

LILLIPUT 1 1/2-2 ft.

CANARY YELLOW	PURPLE
CRIMSON	ROSE BUD
DEEP FLESH	SALMON ROSE
GOLDEN ORANGE	SCARLET GEM
ORANGE	VALENCIA (Burnt Orange)
PASTEL. Shades mixed	WHITE GEM

Above at: Tr. pk. \$0.15, oz. \$0.80, lb. \$8.00

VEGETABLE SEED

CABBAGE, CELERY, CAULIFLOWER, EGGPLANT, LETTUCE, PEP
PERS, TOMATOES and all others in best varieties.

HORTICULTURAL BOOKS

FOR FLORISTS AND GROWERS

COMMERCIAL FLORICULTURE. By Fritz Bahr. Fourth edition revised, enlarged, brought thoroughly up-to-date. The book of books for the florist-growers, and now embracing, in addition to the wealth of material presented in the previous edition on the successful management of a retail grower's establishment, full information and advice on every advancement that has been made in recent years in this branch of the business, particularly in growing the various florist flowers, together with a full discussion of such new subjects as cloth houses, sash houses, electrical heating of hotbeds, sterilization of soils, effects of gas on plants, artificial light in the greenhouse, timing greenhouse crops, common plant enemies and their control, etc. Part I embraces the Retail Grower's Methods, while Part II consists of a Cultural Manual for Retail Growers in which explicit cultural directions are given covering well over 500 plants of commercial value to the grower. 646 pages, 6x9 in.; 308 illustrations. Fabricoid.\$5.50



ALL ABOUT FLOWERING BULBS. By T. A. Weston. 184 pages. 2.00

AMERICAN ORCHID CULTURE. By Prof. E. A. White. 260 pages, 6 3/4 x 9 3/4; 14 color plates, 124 illustrations. 5.00

AZALEAS AND CAMELIAS. By H. H. Hume. 90 pages; 14 illustrations. 1.50

CHRYSANTHEMUMS UNDER GLASS AND OUTDOORS. By Alex Laurie. 118 pages, 5x7 1/2; 33 illustrations. Boards. 1.50

COMMERCIAL ROSE CULTURE. By Eber Holmes. 256 pages, 5x7 1/2; 79 illustrations. Cloth. 1.50

FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS. By Alex. Laurie and J. B. Edmond. 156 pages, 5x7 1/2; 22 illustrations. Cloth. 2.00

FLORAL DESIGNS DE LUXE. Covers all designs and types. 176 pages, 9 1/4 x 12 1/4; 472 illustrations. Cloth. 3.50

GLADIOLUS. By F. F. Rockwell. 79 pages; 45 illustrations. 1.25

GLADIOLUS BREEDING. By J. A. Kemp. 12 pages, 4x9; 7 illustrations. Pamphlet.50

MODERN DAHLIA CULTURE. By W. H. Waite. 134 pages; 24 halftone illustrations, six in full color. 1.50

NEW ALBUM OF FLORAL DESIGNS. By Robert Kift. 148 pages, 7 1/2 x 9 1/2. Cloth. 1.00

PRACTICAL CARNATION CULTURE. By T. A. Weston. 224 pages, 5x7 1/2; 54 illustrations. Cloth. 2.00

PRACTICAL VIOLET CULTURE. By Nelson Coon. 128 pages, 5x7 1/2; 33 halftones. Cloth.75

PRACTICAL PEST CONTROL. By H. C. Tweedale. 30 pages, 4x9; 7 illustrations. Paper pamphlet.50

PLANT CULTURE. By George W. Oliver and Alfred C. Hottes. 442 pages, 5x7 1/2; 131 illustrations. Cloth. 3.50

PLANT NAMES. By T. S. Lindsay. 99 pages. 1.00

PLANT PROPAGATION—999 QUESTIONS ANSWERED. By Alfred Carl Hottes. 238 pages; 136 illustrations. 2.00

RETAIL FLOWER SHOP, THE. By Robert Kift. 340 pages; 6x9; 145 illustrations. Cloth. 2.50

RHODODENDRONS AND AZALEAS. By Clement G. Bowers. 526 pages, 8x10 in. 10.00

SOILLESS GROWTH OF PLANTS. By Ellis & Swaney. 156 pages, 6x9; 58 illustrations. 2.75

SPRAYING, DUSTING, AND FUMIGATION OF PLANTS. By A. F. Mason. 570 pages; 237 illustrations. 3.00

STANDARD CYCLOPEDIA OF HORTICULTURE, THE. Edited by L. H. Bailey. 24 color plates; 96 full-page halftone illustrations; 4,000 illustrations throughout the text; 3,637 pages; durable, dark-green buckram. 15.00

TUBEROUS-ROOTED BEGONIAS—AND THEIR CULTURE. By George Otten. 84 pages, 5x7 1/2 in.; 36 halftone illustrations. 1.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

STAPLE ITEMS FOR THE GROWER

PAPER POTS

Bird's Neponset

Red Pots for shipping, etc. (light weight).

Green Pots for growing (Waterproofed).

Size	RED		GREEN	
	Price Per 1000	Shipping Weight	Price per 1000	Shipping Weight
2 in.	\$3.15	10	\$5.50	14
2 1/4 in.	3.25	12	5.70	16
2 1/2 in.	3.40	16	6.10	22
3 in.	4.20	24	7.10	28
3 1/2 in.	5.20	34	9.50	39
4 in.	6.55	23	11.20	26
5 in.	8.90	37	15.90	44
6 in.	11.65	51	20.60	62

Sizes up to 4 inches, packed 1000 to a carton;
4 inches and up, packed 500 to a carton. Sold
in carton lots only. F.O.B. New York or Boston.

Quantity Discount:

- 5 % on order of 10,000 or more
7 1/2 % on order of 20,000 or more
10 % on order of 30,000 or more

Provided entire order is to be shipped at one time. If shipment
via Parcel Post is desired, be sure to include postage.



PLANT BANDS

Bird's Neponset

2 in.	\$2.65 per 1000
3 in.	3.55 per 1000



GARDEN LABELS

	PLAIN 1000	PAINTED 1000
8 in., 7/8 in. wide.....	\$3.95	\$4.95
10 in., 7/8 in. wide.....	4.95	5.95
12 in., 1 1/8 in. wide.....	6.95	8.45

JAPANESE BAMBOO CANES

	1000	2000
1 1/2 ft. long, dyed green.....	\$1.50	\$2.40
2 ft. long, dyed green.....	1.75	3.00
2 1/2 ft. long, dyed green.....	2.25	4.00
3 ft. long, dyed green.....	2.75	4.75
3 1/2 ft. long, dyed green.....	3.50	6.00
4 ft. long, dyed green.....	4.50	7.50
5 ft. long, dyed green.....	6.00	10.00
6 ft. long, dyed green.....	8.00	15.00
6 ft. long, natural.....	7.50	13.50

SPLIT BAMBOO HYACINTH STICKS

12 in. green.....	\$1.00 per 1000	18 in. green.....	\$1.40 per 1000
15 in. green.....	1.20 per 1000	24 in. green.....	1.75 per 1000

CHINESE HEAVY TONKINS

Natural Color

Of even diameter throughout. Can withstand weather conditions
and the dampness of the soil better than wood. They are stronger
and better in appearance than the wooden stakes and much
cheaper. They are replacing the wooden stakes especially for out-
door staking of plants like Dahlias, Tomatoes, etc.

	100
3 ft. long, 3/8 in. diameter.....	\$1.10
4 ft. long, 1/4 in. diameter.....	1.10
4 ft. long, 3/8 in. diameter.....	1.30
4 ft. long, 1/2-3/8 in. diameter.....	2.25
4 ft. long, 5/8-3/4 in. diameter.....	2.50
5 ft. long, 5/8-3/4 in. diameter.....	2.75
6 ft. long, 5/8-3/4 in. diameter.....	3.25
7 ft. long, 5/8-3/4 in. diameter.....	3.50
8 ft. long, 5/8-3/4 in. diameter.....	4.00
9 ft. long, 3/4-7/8 in. diameter.....	9.00
9 ft. long, 7/8 in. diameter.....	10.00

	25 lbs.	50 lbs.	100 lbs.	500 lbs.
BONEMEAL	3.25	\$15.00
DRIED BLOOD	4.45	21.50
FLORANID UREA	7.50	....
HORN SAWDUST	6.75	....
HORN SHAVINGS	6.00	....
LEAFMOLD	2.00	9.50
NITROPHOSKA	2.75	4.75	6.00	....
SMITH'S MUM MANURE.....	3.75	17.50
CLAY'S FERTILIZER—At market.
HARDWOOD ASHES	3.00	....
SCOTCH SOOT	4.50	....

PURE SHEEP MANURE

Not to be confused with ordinary stockyard manure. Our
customers have found this fertilizer very satisfactory. Highly
recommended for Carnations and it is also safe and very good
for general greenhouse use.

Prompt shipment, F.O.B. woolen mill in Massachusetts in any
quantity from one bag to a carload.

100 lbs.	\$2.50	1000 lbs.	\$18.00
500 lbs.	10.00	Ton	30.00

ELECTRA

America's Finest Plant Food

HIGH ORGANIC (4-9-3)

Fast	Safe	Complete
25 lbs.....	\$2.50	50 lbs.....
100 lbs.....	\$6.75	F.O.B. Lynn, Mass.
Directions with order		

Universal

ACID PLANT FOOD

(6-15-4)

A complete food for Gardenias, Azaleas, Heather, Rhododen-
drons, and other plants requiring acid food. F.O.B. Lynn, Mass.

25 lbs. \$2.50, 50 lbs. \$4.00, 100 lbs. \$6.75
Directions with order



SUDBURY SOIL TEST KITS

MODEL A—Used by leading growers, nurserymen, greenkeepers,
and advanced amateurs. In permanent metal case. Three times
as much soil testing solution is contained in this kit, enough for
200 individual tests for nitrogen, phosphorus, potash and acidity.
A test tube rack, extra test tubes, special glass funnels, color
charts and a supply of filter paper are also included. \$18.50.

MODEL B—In permanent metal case. Contains sufficient chemical
for 60 individual tests for nitrogen, phosphorus, potash and
acidity. Case contains test tube rack, extra test tubes, special
glass funnels, color charts and a supply of filter paper. \$9.75.

CLUB MODEL—50 tests. Leather case. \$4.75.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ROOTONE

A Hormone powder, especially developed for rooting cuttings easier and faster. No solutions, no soaking; just dust and plant. Also recommended for prevention of damping-off by dusting Rootone along soil in thin layer, thereby killing fungi.

2-oz. jar\$1.00
1-lb. can 5.00

ROOT-GRO**A Natural Aid in Rooting Cuttings**

With Root-Gro, cuttings may be made with less care, thereby saving labor. Cuttings develop heavy root systems that are better adapted to withstand shipment and careless handling.

Packages

200 units\$2.00
800 units 5.00

**HYPONEX**

In fine powdered form. With Hyponex-and-water, plants grow and flourish in clean sand, cinders or barren earth. Hyponex is ideal for hydroponics—the science of growing plants without soil. Complete directions furnished.

1 lb.\$10.00—makes 100 gallons
3 oz.40—makes 18 gallons

TRANSPLANTONE**The Vitamin Hormone Stimulant for Plants**

ROOTONE is quite different from TRANSPLANTONE. It is applied as a powder, not to roots, but to cuttings, seeds and bulbs before they are planted. TRANSPLANTONE is a powder applied in solution to the roots of growing plants.

1 oz. can....\$0.50 3 oz. can....\$1.00 1 lb. can....\$4.00

PAINTED POT LABELS

4 in.\$2.00 per 1000 6 in.\$2.50 per 1000
5 in. 2.25 per 1000 8 in. 3.00 per 1000

TREE LABELS

3½ in. COPPER WIRE.....\$2.50 per 1000

MOSES

PEAT MOSS—Bale (about 22 bushels).....\$3.25
ORCHID PEAT—Sack (2 bushels)..... 2.50
SPHAGNUM MOSS.....Prices on application

RUBBER HOSE FOR GREENHOUSES

Prices on application

EASY FLO HOSE NOZZLES

Newly developed principle, breaks force of water and spreads stream so that several plants may be watered at a time. Thoroughly tested and enthusiastically endorsed by many florists. Made of brass in 6 in. and 9 in. lengths. Fits standard hose connections. State length wanted. Price of either.....\$1.50 ea.

FLORIST KNIVES

Made of finest steel with curved blade and curved handle, especially for florist use.

Handle 3¼ in., blade 2¼ in.....ea. 60c., doz. \$6.00
Same size blade with longer handle.....ea. 80c., doz. \$8.50
Postpaid

GRENADIER HOSE CONNECTION

Attaches between hose and hydrant to keep hose from breaking. Makes a flexible connection. Standard size.....\$1.00

APEX WATER BREAKER

Attaches to end of hose. Spreads water and enables user to easily control and direct flow with fingers.....\$0.25

**HORMODIN****"The Root-Forming Chemical"**

"Hormodin" is a hormone-like plant growth substance. Its principal use is to stimulate rapid root growth on cuttings. It has widespread use in propagating cuttings, whether rooted with ease, or normally rooted with difficulty. Many cuttings formerly impossible to propagate may now be rooted with the aid of Hormodin. Made in both powder and liquid form.

HORMODIN POWDER

Used by wetting end of cutting and dipping in powder. One ounce treats about 2500 cuttings of average size.

POWDER NO. 1

A general purpose powder especially good for Carnations, Roses, Poinsettias, Chrysanthemums, and similar types.

1¼ oz. tin.....\$.50
1 lb. tin..... 3.00

POWDER NO. 2

Designed for many of the woody and semi-woody types.

1¼ oz. tin.....\$.75
1 lb. tin..... 4.50

POWDER NO. 3

Designed for the more resistant species including many evergreens and dormant leafless cuttings.

1 oz. tin.....\$1.00
½ lb. tin..... 4.50

COMBINATION PACKAGE

Powder No. 1—Powder No. 2—and Powder No. 3 in one carton\$.75

HORMODIN "A" LIQUID

The solution form of root-growth promoting substances offers the possibility of treating cuttings with any desired concentration. Directions with each bottle give specific instructions.

Packages in B.T.I. Units

20 units\$.50 240 units\$2.50
60 units 1.00 480 units 4.50

**HORMODIN IN ACTION**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES AND DISINFECTANTS

APHINE. Destroys green, black or white fly and most all leaf-sucking insects. Qt. \$1.10, gal. \$3.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1 lb. carton 30c, 4 lb. bag 75c, 100 lbs. \$13.50.

BLACK ARROW (5000). A non-poisonous pyrethrum dust, effective against many insects. 10 lbs. \$3.35, 50 lbs. \$14.75, 100 lbs. \$26.75.

BLACK LEAF 40. A concentrated solution of nicotine sulphate. An excellent spray for aphids and sucking insects of all kinds. Lb. \$2.25, 2 lbs. \$3.25, 5 lbs. \$5.85, 10 lbs. \$10.60.

BONSUL Colloidal Sulphur, particles of infinitesimal proportions. 1 lb. \$1.00, 25 lbs. \$18.75.

BORDEAUX MIXTURE (Powder). Controls all fungus diseases. Can be used either for dusting or as wet spray. 4 lbs. 65c.

COPPER SOLUTION. For rust, blight, mildew, and most leaf diseases. Qt. \$1.50, gal. \$4.60.

CORROSIVE SUBLIMATE. For soaking Gladiolus Bulbs before planting. Complete directions furnished. 1 ounce is sufficient for 2 to 3 thousand bulbs. 35c an ounce, \$1.00 for 3 ounces.

CUPROCIDE. Before planting, protect your seed against "damping off" with a coat of Cuprocide-powder. Lb. \$1.00, 5 lbs. \$3.75, 20 lbs. \$12.00.

CYANOGAS (Calcium Cyanide). Very effective chemical fumigant. Controls aphids, thrip, white fly, scale, etc. 5-lb. tin \$3.00, 25-lb. tin \$10.00.

DN-SULFUR DUST No. 10. Especially recommended for dusting Carnations and other plants where a very fine powdered sulphur is desired. 10 lbs. \$3.50, 100 lbs. \$25.00.

DERRISOL. For control of sucking insects. 2 lbs. \$3.00, 10 lbs. \$12.00.

EVERGREEN. Non-poisonous. Highly effective against both chewing and sucking insects. Harmless to foliage. Gal. \$9.50.

FISH OIL SOAP. For mild forms of scale. Excellent for greenhouse spraying. Kills lice and sucking insects on all plants. 1 lb. 30c, 5 lbs. 95c.

FULEX. A liquid fumigator for use in Fulex lamps.

No. 400 is for Carnations; No. 300 is for Roses and mixed crops. Specify which. \$9.00 per gal.

No. 200 is for cleaning out empty houses. \$5.00 per gal.

FULEX DISK EVAPORATORS. \$1.50 each.

FULEX LAMP STOVES. \$2.00 each.

FUNGITROGEN. For mildew and black spots on Roses, Carnations, Snaps; for mildew on Sweet Peas and Hydrangeas. Gal. \$6.00.

FUME-TOBAC. Strong fumigation tobacco powder for burning in greenhouse. 25 lbs. \$4.50, 50 lbs. \$7.50, 100 lbs. \$14.00.

GENERAL BONOX. For control of red spiders, thrips, green fly, midge, leaf roller, etc. \$10.50 per gal., \$3.00 qt.

GRAPE DUST. For mold, mildew, or rust-mites, either in the greenhouse or in the open. Used by dusting. 5 lbs. \$1.25.

GRASSELLI STICKER SPREADER. For use with contact spraying insecticides. Gal. \$5.25.



HITOX. A concentrated spray of rotenone and pyrethrum. Qt. \$3.00, gal. \$9.00.

INSECTROGEN. Kills most leaf-eating insects such as worms, roller, beetles, etc. on Mums, Snaps, Calendulas, Carnations, Roses, etc. Gal. \$8.00.

KILSLUG. For control of snails and garden slugs. 125 doses 75c, 325 doses \$5.50.

LEMON OIL. Destroys mealy bug, scale, red spider. Gal. \$2.50.

LETHANE 440. Kills mealy bug eggs. Mix with soap for red spider. Qt. \$2.75, gal. \$7.00.

LETHANE SPREADER. Gal. \$1.80.

LORO. For controlling aphids, thrips and red spiders. Gal. \$10.50.

MULTICIDE. 50 per cent stronger than evergreen. Qt. \$2.50, gal. \$9.50.

NICO-FUME LIQUID. A free nicotine preparation used by leading growers for spraying against all leaf sucking insects. 4 lbs. \$5.75, 8 lbs. \$10.00.

NICO-FUME PAPER. This paper is treated with nicotine and gives off dense fumes of strong nicotine when ignited. Can of 24 sheets \$1.25, 144 sheets \$4.50, 288 sheets \$8.00.

NICO-FUME POWDER. For fumigating the greenhouse and conservatory. 5 lbs. \$3.35, 10 lbs. \$5.85.

NICO-FUME POWDER (Pressure Can). Lb. can 75c., case of 12 \$7.00, 1/2-lb. can 45c., case of 12 \$4.20.

NICO-FUME HOLDER. For holding the above when using. 85c. each.

NICO-ROTE. Three-way insect spray. Qt. \$4.00, gal. \$12.00.

PLANTOBAC. Finely powdered tobacco dust. Easily applied with gun or sifter. 100 lbs. \$3.00, 500 lbs. \$12.60.

POTASSIUM PERMANGANATE. A wonderful fungicide and insecticide to kill fungus on seeds, plants, and bulbs. Perfectly safe to use on seedlings. Instructions furnished. Lb. 85c., 5 lbs. \$4.00, 10 lbs. \$7.50.

POWDERED SULPHUR. For Carnations, Mums, etc. An excellent mildew remedy. 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.50, 250 lbs. \$15.00.

RED ARROW SPRAY. A contact spray fatal to both chewing and sucking insects. 1 oz. makes 4 to 8 gallons of spray. Qt. \$3.60, gal. \$10.70.

RED ARROW SOAP. For use with contact insecticides. Gal. \$1.75.

ROTECIDE. A complete spray. Kills thrip, Japanese and Asiatic beetles, and other insects. Non-poisonous. Qt. \$3.00, gal. \$8.00.

ROZOX. Spray for Roses and tender plants. Qt. \$3.00, gal. \$11.00.

SELOCIDE. For red spider. Gal. \$3.00.

SEMESAN. For control of damping off of seedlings, Gladioli and disinfection of seed bed soil. 1 lb. \$2.25, 5 lbs. \$9.90.

SLUG SHOT. For cabbage worms and all caterpillars and leaf-eating insects; for dusting all kinds of plants. 5 lbs. \$1.00.

SNAROL. For the control of cut worms, snails and slugs. 4 lbs. 85c., 50 lbs. \$8.00.

TARTAR EMETIC. For spraying Gladiolus Bulbs while growing. 1 lb. mixed with 4 lbs. brown sugar makes 25 gal. solution. 1 lb. for 60c., 5 lbs. or over 50c. a lb.

THRIP JUICE. For aphids, red spider, mealy bug, etc. Qt. \$1.10, gal. \$3.50.

TOBACCO DUST. For dusting. No. 1 Grade. 100 lbs. \$2.75, 500 lbs. \$12.50, 1000 lbs. \$22.50. F.O.B. New York or Lancaster, Pa.

TOBACCO STEMS (SHREDDED). Best quality of tobacco stems ground, containing all natural nicotine and fertilizer qualities. Fine for top dressing and improves soil texture. Kills many insects. 100 lbs. \$2.10, 500 lbs. \$8.75, 1000 lbs. \$16.25. Special price on large quantities. F.O.B. Lancaster, Pa.

TO=NA=CIDE

Patent No. 1,941,055

TO-NA-CIDE. A powder for sprinkling on, or mixing with the soil in greenhouses, coldframes, and outdoors. Forms a gas which destroys insects in the soil—thrip, mealy bug, wire worm, slugs, and certain other insects. Splendid for sprinkling Gladiolus bulbs and Dahlias. 5 lbs. \$1.25, 25 lbs. \$4.00, 50 lbs. \$7.00, 100 lbs. \$13.00; 200 lbs. or more at \$12.50 per 100. (See Back Cover.)

TRI-GEN. A spray for protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.40. Large kit (makes 32 gals.) \$5.50.

VOLCK (Greenhouse). For scale, red spider, aphids, mealy bug, thrip, etc. Gal. \$2.00.

VOLCK (Nursery). Gal. \$2.00.

VOLCK (Garden). Gal. \$4.00.

WHALE OIL SOAP. Liquid. A good spreader. \$3.00 a gal.; 5 gals. \$12.00.

WILSON'S O. K. PLANT SPRAY. Powerful yet harmless; an effective spray for Roses, Mums, etc. For greenhouse and general outdoor spraying. Gal. \$3.00, 5 gals. \$12.00.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Important Information

NOTICE—We endeavor to send out only the very best quality of bulbs, seeds, plants and cuttings, and do our utmost to assure you of stock true to name, but we do not warrant in any way, expressed or implied, the contents or the description, quality, productiveness, or any other matter of merchandise sold by us, and we will not in any way be responsible for the crop. If the purchaser does not accept these terms, the merchandise must be returned at once.

We recommend that shipments go by express, except very small shipments which can be readily mailed. Claims cannot be collected when cuttings are shipped through the mail, hence we recommend express, because a claim can be entered for damages through delay, etc. We mail small quantities only in cool weather—it is unsatisfactory to mail cuttings when the warm weather sets in.

TERMS—60 days net, less 2 per cent cash in 10 days, or less 2 per cent cash with order. **Postage** and **Express** charges must be paid by the customer.

ROMAN J. IRWIN.

POSTAGE—100 cuttings, add 15c. extra for postage. For each additional 100, add 5c. more. For **Special Handling Service** (which we highly recommend), add 25c. for each shipment—it's worth while.

CLAIMS FOR DAMAGES—You must enter a claim against the express company immediately. According to law the transportation companies are the agents of the buyer, and when goods are delivered to and accepted by such agencies the shipper's responsibility ceases. We will, however, gladly assist you in making your claim if you advise us.

PRICES—All prices in this catalog are subject to change without notice.

Unless otherwise quoted, we sell 250 of a variety at the 1000 rate. Orders for less than 100 add .50 to pro rata price.



MOST POPULAR SELLER PARAGON SPRAYER No. 3

(Capacity—12 Gallons)

Equipment—10 feet Special Spray Hose, 7½ feet Spray Pipe, 1 Brass Mist Spray Nozzle, 1 Brass Straight Spray Nozzle, 1 Steel Spray Nozzle for whitewash, coldwater paint, etc.

Price \$23.50

Without Truck, Price \$19.50

The world's most efficient and economical sprayer equipment for Nurserymen and Florists. The uses of a Paragon Sprayer are without limit. Will spray insecticides, fungicides, disinfectants, whitewash, coldwater paints, cement coatings, etc.—and do the job better.

SEE PAGE 20 FOR DUSTERS

Other Paragon Sprayers

- No. 0**—Capacity 3½ gallons with complete equipment..\$12.95
- No. 1**—Capacity 6 gallons, 5 ft. hose, 5 ft. spray pipe,
2 different type nozzles..... 17.75
Mounted on truck..... 21.75
- No. 2**—Capacity 6 gallons, 10 ft. hose, 5 ft. spray
pipe, 3 nozzles..... 19.75
Mounted on truck..... 23.75
- No. 4**—Capacity 28 gallons, 20 ft. hose, 10 ft. spray
pipe, 3 nozzles..... 31.50
Mounted on truck..... 39.50
- No. 5**—Capacity 50 gallons, 25 ft. hose, 10 ft. spray
pipe, 1 three-way nozzle, 1 single nozzle..... 45.00
Mounted on truck..... 69.50
Complete equipment without barrel or truck.... 35.00
- No. 66**—Bucket Pump—complete 4.00
- No. 67**—Power Sprayer, gas or electric, complete
equipment mounted on steel wheels.....225.00
Mounted on pneumatic tires.....257.50

Send for illustrated leaflet.

For *Or*
GREENHOUSE **GARDEN USE**

TO-NA-CIDE

PAT. NO. 1941055

MUMS	<i>For</i>	DELPHINIUMS
CARNATIONS	ROSES	ASTERS
GLADIOLUS	SNAPS	DAHLIAS, Etc.

The best Insecticide to kill insects in the Soil, Thrips, Worms, Grubs, Sowbugs, etc. Also a control for Aphis, White Fly, Mite and Red Spider.

25 pounds will cover 1500 square feet
 Send for Special Circular with directions

5 pounds .....\$1.25	50 pounds\$ 7.00
10 pounds 2.00	100 pounds 13.00
25 pounds 4.00	200 pounds or more @ 12.50 per 100 pounds

LESS 2% FOR CASH WITH ORDER, F. O. B. NEW YORK.
WE HAVE HUNDREDS OF SATISFIED CUSTOMERS

12/5/39

"I had a great deal of trouble with Carnation Thrip all last season. I sprayed and dusted all the year with several different preparations. A short time after using **TO-NA-CIDE** the thrips were under control and have had no damage since."

Gus Obermeyer
Parkersburg, W. Va.

12/8/39

"We have had a lot of success with **TO-NA-CIDE** in control of sow bugs using it as per instructions. We had a bench of Snapdragons that were affected with Nematodes that our State Horticultural Department said would need steam sterilizing to kill. We gave the bench a double dose of **TO-NA-CIDE** and planted Snaps back in the same soil. We cut a full crop of flowers from these plants, so apparently, **TO-NA-CIDE** did the trick."

Lake View Gardens
Williams Bay, Wis.

9/26/39

"We used **TO-NA-CIDE** this summer for the exclusive purpose of killing what we call sow bugs. As far as we can see the results have been satisfactory. We find this material good for the control of strawberry beetles also."

Florex Gardens
North Wales, Penna.

9/18/39

"We have had good success controlling thrip on Glads; unable to raise them without it. We also used it on Carnations and about twice a year throughout our greenhouses."

Thermopolis Ghses. Co.
Thermopolis, Wyoming.

Above Prices
Are Subject to Change

Roman J. Irwin
 38 West 27th Street
 New York, N.Y.
Telephone
 BOgardus 4-2444



Above Prices
Are Subject to Change